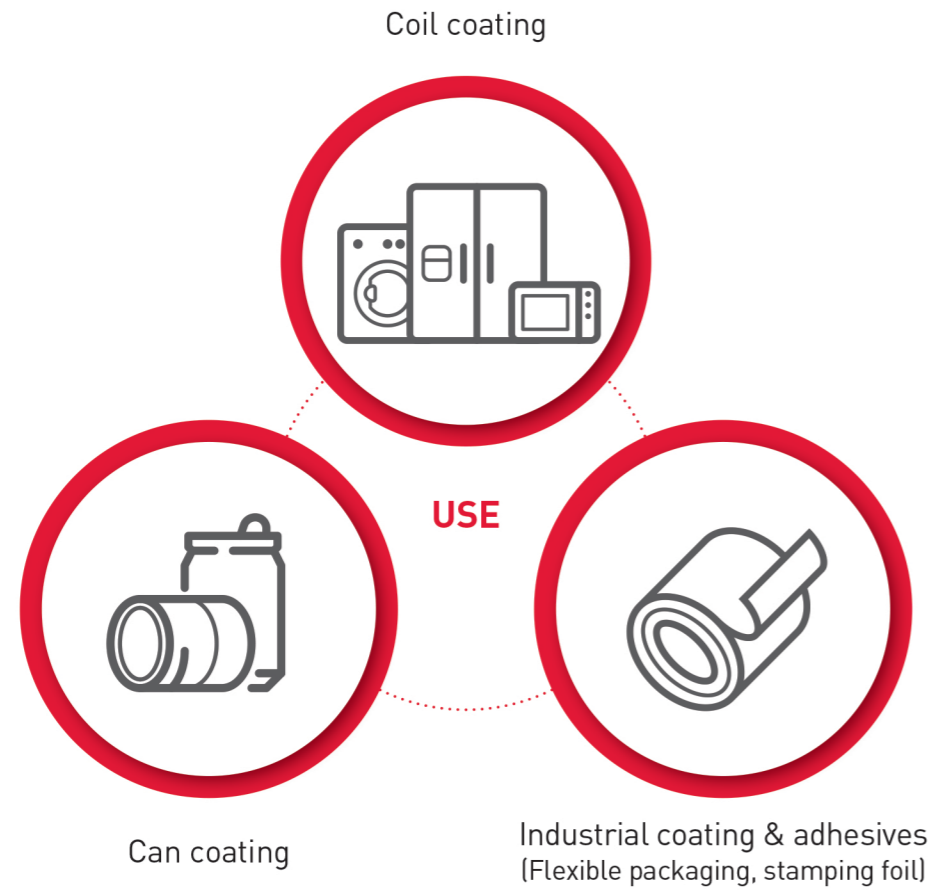


# ES

## SOLVENT-BORNE POLYESTER RESIN



### Features

- Superior flexibility
- Excellent adhesion on various substrate such as steel, PET, PVC film
- Good transparency and hardness

### Characteristic values

| SKYBON Product | IV <sup>(1)</sup><br>dl/g | Mn <sup>(2)</sup><br>Da | Tg <sup>(3)</sup><br>°C | SP <sup>(4)</sup><br>°C | OHV<br>mgKOH/g | AV<br>mgKOH/g | Structure <sup>(5)</sup> | Shape  |
|----------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------|---------------|--------------------------|--------|
| ES-100         | 0.62                      | 20,000                  | 67                      | 140                     | 3              | <2            | L                        | Pellet |
| ES-110         | 0.53                      | 18,000                  | 67                      | 135                     | 4              | <3            | L                        | Pellet |
| ES-110M        | 0.59                      | 14,000                  | 65                      | 135                     | 7              | 5             | B                        | Pellet |
| ES-120         | 0.59                      | 21,000                  | 68                      | 145                     | 4              | <2            | L                        | Pellet |
| ES-160         | 0.62                      | 19,000                  | 52                      | 130                     | 4              | <3            | L                        | Pellet |
| ES-215         | 0.86                      | 35,000                  | -10                     | 100                     | 3              | <2            | L                        | Sheet  |
| ES-220         | 0.97                      | 35,000                  | -4                      | 145                     | 2              | <2            | L                        | Pellet |
| ES-240         | 0.70                      | 32,000                  | 48                      | 130                     | 3              | <2            | L                        | Pellet |
| ES-250         | 0.59                      | 25,000                  | 68                      | 145                     | 4              | <2            | L                        | Pellet |
| ES-300         | 0.73                      | 28,000                  | 16                      | 105                     | 3              | <2            | L                        | Sheet  |
| ES-330         | 0.86                      | 33,000                  | 16                      | 110                     | 3              | <2            | L                        | Sheet  |
| ES-350         | 0.78                      | 32,000                  | 16                      | 110                     | 3              | <2            | L                        | Sheet  |
| ES-360         | 0.72                      | 28,000                  | 18                      | 110                     | 4              | <2            | L                        | Sheet  |
| ES-360M        | 0.86                      | 32,000                  | 17                      | 110                     | 8              | <2            | B                        | Sheet  |
| ES-365         | 0.81                      | 40,000                  | 16                      | 110                     | 4              | <2            | L                        | Sheet  |
| ES-410         | 0.50                      | 16,000                  | 44                      | 130                     | 6              | <2            | L                        | Pellet |
| ES-420         | 0.50                      | 16,000                  | 44                      | 130                     | 6              | <3            | L                        | Pellet |
| ES-450         | 0.50                      | 18,000                  | 50                      | 130                     | 6              | <2            | L                        | Pellet |
| ES-460M        | 0.47                      | 7,000                   | 37                      | 120                     | 10             | 3             | B                        | Pellet |
| ES-500         | 0.71                      | 26,000                  | 13                      | 90                      | 5              | <2            | L                        | Sheet  |
| ES-510         | 0.66                      | 19,000                  | 13                      | 100                     | 9              | <2            | B                        | Sheet  |
| ES-660         | 0.46                      | 18,000                  | 70                      | 145                     | 8              | <2            | L                        | Pellet |
| ES-670         | 0.76                      | 30,000                  | 45                      | 120                     | 3              | <2            | L                        | Pellet |
| ES-680         | 0.59                      | 20,000                  | 57                      | 130                     | 5              | 4             | B                        | Pellet |
| ES-710         | 0.40                      | 10,000                  | 37                      | 125                     | 25             | <3            | B                        | Lump   |
| ES-720         | 0.63                      | 16,000                  | 22                      | 110                     | 9              | <3            | B                        | Sheet  |
| ES-770         | 0.48                      | 18,000                  | 70                      | 140                     | 8              | <2            | B                        | Pellet |
| ES-850         | 0.27                      | 7,000                   | 31                      | 90                      | 19             | <2            | L                        | Lump   |
| ES-900         | 0.32                      | 8,000                   | 22                      | 85                      | 15             | <3            | L                        | Lump   |
| ES-901         | 0.62                      | 21,000                  | 69                      | 145                     | 6              | <2            | L                        | Pellet |
| ES-910         | 0.45                      | 15,000                  | 68                      | 135                     | 9              | <2            | L                        | Pellet |
| ES-940         | 0.46                      | 13,000                  | 40                      | 120                     | 9              | 5             | B                        | Pellet |
| ES-950         | 0.48                      | 16,000                  | 11                      | 100                     | 9              | 5             | B                        | Sheet  |
| ES-955         | 0.39                      | 12,000                  | 58                      | 125                     | 12             | <2            | L                        | Pellet |
| ES-960         | 0.30                      | 7,500                   | 21                      | 75                      | 18             | <2            | L                        | Flake  |
| ES-980         | 0.39                      | 12,000                  | 23                      | 95                      | 17             | <3            | B                        | Pellet |
| HiPES-90A      | 0.45                      | 16,000                  | 92                      | 160                     | 5              | <3            | L                        | Pellet |
| HiPES-110      | 0.41                      | 14,000                  | 111                     | 170                     | 8              | <2            | L                        | Pellet |

(1) OSP at 35°C (2) THF (3) DSC (4) Ring & Ball (5) L : Linear / B : Branched

All data herein are believed to be correct. However, this should not be accepted as a guarantee of their accuracy and confirming tests should be run in your own plant or laboratory.