

Adsyl 3 C 30 F HP

Advanced Polyolefin

Product Description

Adsyl 3 C 30 F HP is an advanced polyolefin, specially designed for use as a sealing or metallized layer in co-extruded film applications. This grade features a low seal initiation temperature, a high melting point and good optics. It does not contain slip or anti-block additives.

For regulatory information please refer to Adsyl 3 C 30 F HP Product Stewardship Bulletin (PSB).

Product Characteristics

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| Status | Commercial: Active |
| Test Method used | ISO |
| Processing Methods | BOPP, Cast Film, Double Bubble |
| Features | High Heat Resistance , Medium Temperature Heat Sealability, Good Stiffness |
| Typical Customer Applications | Double Bubble Shrink Film, Food Packaging Film, Lamination Film |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------|
| Physical | | | |
| Density (Method A) | ISO 1183 | 0.90 | g/cm ³ |
| Melt flow rate (MFR) (230°C/2.16Kg) | ISO 1133 | 5.5 | g/10 min |
| Thermal | | | |
| Melting temperature | | 137 | °C |
| <i>Note: ISO 11357-3</i> | | | |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 71 | °C |
| Vicat softening temperature A/50 | ISO 306 | 122 | °C |
| Optical | | | |
| Haze (50 µm) | ASTM D 1003 | 0.4 | % |
| Gloss (45°, 50 µm) | ASTM D 2457 | 91 | |
| Film | | | |
| Seal initiation temperature | | 112 | °C |
| <i>Note: Internal test method</i> | | | |

