

Adsy/ 5 Q 39 F

Advanced Polyolefin

Product Description

Adsy/ 5 Q 39 F is an advanced polyolefin, specially designed for use as a sealing layer in co-extruded film applications.

This grade features a very low seal initiation temperature and a low flow.

It contains anti-block additives.

For regulatory information please refer to Adsy/ 5 Q 39 F Product Stewardship Bulletin (PSB).

Product Characteristics

| | |
|--------------------------------------|---|
| Status | Commercial: Active |
| Test Method used | ISO |
| Processing Methods | Blown Film, Double Bubble |
| Features | Low Flow , High Heat Resistance , High Shrinkage, Good Stiffness |
| Typical Customer Applications | Bags & Pouches, Heavy Duty Packaging, Hygiene Film, Lamination Film, Peelable Film, Shrink Film |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------|
| Physical | | | |
| Density (Method A) | ISO 1183 | 0.90 | g/cm ³ |
| Melt flow rate (MFR) (230 °C/ 2.16 kg) | ISO 1133 | 0.9 | g/10 min |
| Mechanical | | | |
| Flexural modulus | ISO 178 | 480 | MPa |
| Thermal | | | |
| Melting temperature | | 132 | °C |
| <i>Note: ISO 11357-3</i> | | | |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 52 | °C |
| Vicat softening temperature A/50 | ISO 306 | 107 | °C |
| Optical | | | |
| Haze (50 µm) | ASTM D 1003 | 19 | % |
| Gloss (45°, 50 µm) | ASTM D 2457 | 38 | |
| Film | | | |
| Seal initiation temperature | | 105 | °C |
| <i>Note: Internal test method</i> | | | |

