# Versaflex™ CF 5331 C18D

## Thermoplastic Elastomer

### Key Characteristics

| Product Description | | | |
|---|---|---|---|
| Versaflex™ CF 5331 C18D is a compound designed for the adhesive layer of protective films. | | | |
| **General** | | | |
| Material Status | • Commercial: Active | | |
| Regional Availability | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| RoHS Compliance | • RoHS Compliant | | |
| Appearance | • Translucent | | |
| Forms | • Pellets | | |
| Processing Method | • Extrusion | | |

### Technical Properties [1]

| Physical | Typical Value (English) | Typical Value (SI) | Test Method |
|---|---|---|---|
| Density / Specific Gravity | 0.920 | 0.920 | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 15 g/10 min | 15 g/10 min | ASTM D1238 |
| **Hardness** | **Typical Value (English)** | **Typical Value (SI)** | **Test Method** |
| Durometer Hardness | | | ASTM D2240 |
| Shore A, 10 sec, 73°F (23°C) | 30 | 30 | |
| **Fill Analysis** | **Typical Value (English)** | **Typical Value (SI)** | **Test Method** |
| Apparent Viscosity | | | ASTM D3835 |
| 392°F (200°C), 11200 sec^-1 | 14.0 Pa·s | 14.0 Pa·s | |

### Processing Information

| Extrusion | Typical Value (English) | Typical Value (SI) |
|---|---|---|
| Melt Temperature | 320 to 392 °F | 160 to 200 °C |
| Die Temperature | 338 to 428 °F | 170 to 220 °C |

**Extrusion Notes**

Purge thoroughly before and after use of this product with a low flow (0.5 - 8 MFR) polyethylene (PE) or polypropylene (PP).

Drying is not Required.

Screw Speed = 100-700 RPM

**Notes**

[1] Typical values are not to be construed as specifications.

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