Versaflex™ PF MD6666 N

Thermoplastic Elastomer

Key Characteristics

Product Description			
Versaflex™ PF MD6666 N is a compound designed for the adhesive layer of protective films.			
General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • 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)	21 g/10 min	21 g/10 min	ASTM D1238
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	23 cm³/10min	23 cm³/10min	ASTM D1238
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A, 10 sec, 73°F (23°C)	37	37	
Fill Analysis	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Apparent Viscosity			ASTM D3835
392°F (200°C), 4.00 sec^-1	67000 Pa·s	67000 Pa·s	
392°F (200°C), 67.0 sec^-1	250 Pa·s	250 Pa·s	
392°F (200°C), 224 sec^-1	200 Pa·s	200 Pa·s	
392°F (200°C), 1340 sec^-1	101 Pa·s	101 Pa·s	
392°F (200°C), 11200 sec^-1	23.0 Pa·s	23.0 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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