

Multibase Multi-Flex® TEA 4001-65 TPO Thermoplastic Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Forms: Pellets Processing Methods: Injection Molding Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TEA-4001-65-TPO-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.982 g/cc	0.982 g/cc	ASTM 792
Melt Flow	39.1 g/10 min	39.1 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	10 seconds; ASTM D2240
Tensile Strength, Yield	12.1 MPa	1750 psi	Elastic; ASTM D412
Elongation at Break	890 %	890 %	ASTM D638
Tear Strength	33.3 kN/m	190 pli	ASTM D624

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	193 Â°C	380 Â°F	
Front Barrel Temperature	204 Â°C	400 Â°F	
Nozzle Temperature	210 Â°C	410 Â°F	
Mold Temperature	35.0 Â°C	95.0 Â°F	

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