

Forflex® 71L001D40

Thermoplastic Polyolefin Elastomer

SO.F.TER. SPA

Message:

Forflex® 71L001D40 is a Thermoplastic Polyolefin Elastomer (TPO (POE)) material. It is available in Europe, Latin America, or North America for injection molding. Primary attribute of Forflex® 71L001D40: REACH Compliant.

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	42		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	7.50	MPa	ASTM D412
Tensile Strength ²	13.5	MPa	ASTM D412
Tensile Elongation ³ (Break)	750	%	ASTM D412
Tear Strength ⁴	83.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Rear Temperature	170	°C	
Middle Temperature	190	°C	
Front Temperature	200	°C	
Nozzle Temperature	210	°C	
Mold Temperature	20.0 to 40.0	°C	
NOTE			
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Recommended distributors for this material

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