

Forflex® 72100IA85

Thermoplastic Polyolefin Elastomer

SO.F.TER. SPA

Message:

Forflex® 72100IA85 is a polyolefin thermoplastic elastomer (TPO (POE)) material. This product is available in North America, Latin America or Europe. The processing method is extrusion or injection molding. Forflex® The main characteristics of 72100IA85 are: compliance with REACH standards.

General Information	
Agency Ratings	EC 1907/2006 (REACH)
Appearance	Natural color
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
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Specific Gravity	0.880	g/cm³	ASTM D792
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Hardness	Nominal Value	Unit	Test Method
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Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
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Elastomers	Nominal Value	Unit	Test Method
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Tensile Stress ¹ (100% Strain)	5.00	MPa	ASTM D412
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Tensile Strength ²	19.0	MPa	ASTM D412
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Tensile Elongation ³ (Break)	850	%	ASTM D412
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Tear Strength ⁴	72.0	kN/m	ASTM D624
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Injection	Nominal Value	Unit
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Rear Temperature	170	°C
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Middle Temperature	190	°C
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Front Temperature	200	°C
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Nozzle Temperature	210	°C
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Mold Temperature	20.0 - 40.0	°C
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Extrusion	Nominal Value	Unit
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Cylinder Zone 1 Temp.	180	°C
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Cylinder Zone 2 Temp.	210	°C
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Cylinder Zone 3 Temp.	210	°C
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Extrusion instructions	
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Extrusion Head Temperature: 220°C	
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NOTE	
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1.	Mouth die c
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2.	Mouth die c
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3.	Mouth die c
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4.	C mould
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Recommended distributors for this material

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