

Pibiflex® 2094S NATURALE

Thermoplastic Copolyester Elastomer

SO.F.TER. SPA

Message:

Pibiflex® 2094S NATURALE is a Thermoplastic Copolyester Elastomer (TPC-ET) material. It is available in Europe, Latin America, or North America for injection molding. Primary attribute of Pibiflex® 2094S NATURALE: REACH Compliant.

General Information			
UL YellowCard	E168217-102336980		
Features	General Purpose		
Uses	General Purpose		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Melt Volume-Flow Rate (MVR) (220°C/2.16 kg)	9.00	cm ³ /10min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	23		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	12.0	MPa	ASTM D638
Tensile Elongation (Break)	750	%	ASTM D638
Flexural Modulus	30.0	MPa	ASTM D790
Taber Abrasion Resistance (1000 Cycles, 1000 g, H-18 Wheel)	50.0	mg	ASTM D1044
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	185	°C	ASTM D3417
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	20	%	ASTM D2863

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Recommended distributors for this material

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