

Pibiflex® 4484 NERO

Thermoplastic Copolyester Elastomer

SO.F.TER. SPA

Message:

TPC grade with medium flexural modulus

General Information			
Features	Good Stiffness		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Water Absorption (23°C, 24 hr)	3.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	44		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	27.0	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	150	MPa	ASTM D790
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	210	°C	ASTM D3417
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	20	%	ASTM D2863
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	3.0	hr	
Rear Temperature	180	°C	
Middle Temperature	210	°C	
Front Temperature	220	°C	
Mold Temperature	40.0 to 60.0	°C	

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