

Abistir® TR NATURALE

Acrylonitrile Butadiene Styrene

SO.F.TER. SPA

Message:

Abistir® TR NATURALE is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Europe, Latin America, or North America for injection molding. Important attributes of Abistir® TR NATURALE are:

- Flame Rated
- 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	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage	0.50	%	Internal Method
Water Absorption (23°C, 24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	108	°C	ASTM D1525 ¹
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	550	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	UL 94		
1.60 mm	HB		
3.20 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	190	°C	
Middle Temperature	210	°C	
Front Temperature	230	°C	
Mold Temperature	40.0 to 60.0	°C	
NOTE			

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Recommended distributors for this material

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