Abistir® MR BIANCO 0091

Acrylonitrile Butadiene Styrene

SO.F.TER. SPA

Message:

ABS grade with medium fluidity and impact resistance

General Information			
Features	Good Impact Resistance Medium Flow		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	White		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	20	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)	40.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-30°C	100	J/m	
0°C	150	J/m	
23°C	200	J/m	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	95.0	°C	ASTM D1525 [1]
Ball Pressure Test (75°C)	Pass		IEC 335
Electrical	**Nominal Value**	**Unit**	**Test Method**
Comparative Tracking Index	600	V	IEC 60112
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Ignition Temperature	650	°C	IEC 60695-2-13
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	50.0 to 60.0	°C

NOTE	
1.	Rate A (50°C/h), Loading 2 (50 N)

Recommended distributors for this material

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