

Reblend® 6520/OP NERO

Polycarbonate + ABS

SO.F.TER. SPA

Message:

PC/ABS alloy, unreinforced grade

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	24	g/10 min	ASTM D1238
Molding Shrinkage	0.65	%	Internal Method
Water Absorption (23°C, 24 hr)	0.70	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	50.0	MPa	
Break	45.0	MPa	
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Flexural Strength	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	550	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	101	°C	ASTM D648
Vicat Softening Temperature			
--	130	°C	ASTM D1525 ¹
--	120	°C	ASTM D1525 ²
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257
Volume Resistivity (23°C)	1.0E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.800 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
Rear Temperature	230	°C	

Middle Temperature	250	°C
Front Temperature	260	°C
Mold Temperature	50.0 to 70.0	°C

NOTE		
1.	Rate A (50°C/h), Loading 1 (10 N)	
2.	Rate A (50°C/h), Loading 2 (50 N)	

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