

Reblend® 5510M4 NERO

Polycarbonate + ABS

SO.F.TER. SPA

Message:

PC/ABS alloy, talc filled grade

General Information			
Filler / Reinforcement	Talc		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	20	g/10 min	ASTM D1238
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570
Ash Content	20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4100	MPa	ASTM D638
Tensile Strength (Break)	55.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	4000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	55	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	115	°C	ASTM D648
Vicat Softening Temperature	130	°C	ASTM D1525 ¹
Flammability	Nominal Value	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 2 (50 N)

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