SCHULABLEND® (PC/ABS) M/MB 5

Polycarbonate + ABS

A. Schulman Europe

Message:

ABS/PC-blend with higher impact and heat resistance

General Information			
Features	Impact resistance, high Heat resistance, high		
Processing Method	Injection molding		
Resin ID (ISO 1043)	ABS+PC		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.13	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	14.0	cm³/10min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Ball Indentation Hardness (H 358/30)	90.0	MPa	ISO 2039-1
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2200	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	52.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/1A/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	45	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	No Break		ISO 179/1eU
23°C	No Break		ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	125	°C	ISO 75-2/Bf
1.8 MPa, not annealed	105	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	138	°C	ISO 306/A50
--	125	°C	ISO 306/B50
Additional Information			

1.)
Not for use in food contact applications2.)
Not for use in medical or pharmaceutical applications

Recommended distributors for this material

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