

SCHULABLEND® (PC/ABS) M/MB 6 SF

Polycarbonate + ABS

A. Schulman Europe

Message:

High flow and high heat resistant PC/ABS blend

General Information			
UL YellowCard	E86615-631503		
Features	Good liquidity		
	Heat resistance, high		
UL File Number	E86615		
Processing Method	Injection molding		
Resin ID (ISO 1043)	ABS+PC		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	27.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	102	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	53.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	30	kJ/m ²	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
Vicat Softening Temperature	135	°C	ISO 306/A50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+13	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flammability Classification			IEC 60695-11-10, -20
1.50 mm	HB		IEC 60695-11-10, -20
3.00 mm	HB		IEC 60695-11-10, -20
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12
Additional Information			

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

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

