Technical Data Sheet

Schulablend M/MB 6305 SF U NAT

Polycarbonate + ABS

Product Description

High flow and high heat resistant PC/ABS blend.Available with or without UV stabilization. (Former name: SCHULABLEND M/MB 6 SF)

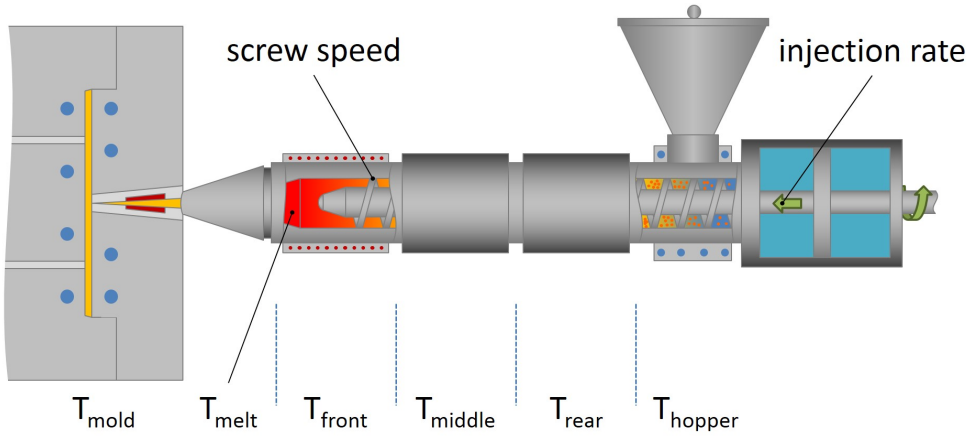
Regulatory Status

For regulatory compliance information, see *Schulablend* M/MB 6305 SF U NAT Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Processing Method	Injection Molding
Attribute	Good Flow; High Heat Resistance
Resin ID	ABS+PC

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (260 °C/5.0 kg)	27	cm³/10 min	ISO 1133
Density, (Method A)	1.16	g/cm³	ISO 1183
Mechanical			
Tensile Stress at Yield, (Type 1A, 50 mm/min)	55.0	MPa	ISO 527-2
Tensile Strain at Yield, (Type 1A, 50 mm/min)	6.0	%	ISO 527-2
Tensile Modulus, (1 mm/min, Type 1A)	2200	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	55	kJ/m²	ISO 179
Charpy Impact Strength - Unnotched			
(23 °C, Type 1, Edgewise)	No Break		ISO 179
(-30 °C, Type 1, Edgewise)	No Break		ISO 179
Hardness			
Ball Indentation Hardness, (H 358/30)	102	MPa	ISO 2039-1
Ball Pressure Test, (130 °C)	Pass		IEC 60695-10-2
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	135	°C	ISO 306
Electrical			
Volume Resistivity	>1.0E+13	ohm*m	IEC 62631-3-1
Surface Resistivity	>1.0E+15	ohm	IEC 60093
Flammable			
Burning Rate			
(2.00 mm)	60	mm/min	ISO 3795
(2.00 mm)	60	mm/min	FMVSS 302
Glow Wire Flammability Index, (2.0 mm)	650	°C	IEC 60695-2-12
UL Information			

Flammability Classification		
(1.5 mm)	HB	IEC 60695-11-10, -20
(3.0 mm)	HB	IEC 60695-11-10, -20
UL File Number	E86615	



Injection Parameters	Nominal Value	Units
Drying Time	4	hr
Drying Temperature	100 to 110	°C
Processing (Melt) Temp	260 to 280	°C
Mold Temperature	70 to 100	°C

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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