

Acrylonitrile Butadiene Styrene + PA

Product Description

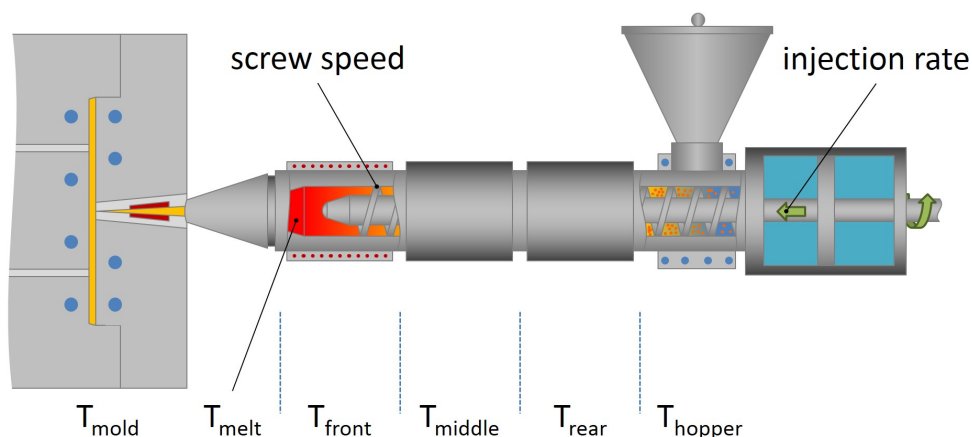
Schulblend SBL M/MK 4301 GRANITE 6-3329 A is a Acrylonitrile Butadiene Styrene + PA material and is typically used in Injection Molding applications.

Regulatory Status

For regulatory compliance information, see *Schulblend* M/MK 4301 GRANITE6-3329 A [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Limited Issue
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (250 °C/5.0 kg)	11	cm ³ /10 min	ISO 1133
Density	1.06	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (50 mm/min)	37.0	MPa	ISO 527-2
Tensile Strain at Yield, (Type 1A, 50 mm/min)	4.0	%	ISO 527-2
Tensile Stress at Break, (50 mm/min)	36.0	MPa	ISO 527-2
Tensile Modulus	1640	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Notch A)	65	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	113	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	85	°C	ISO 75-2/B



Injection Parameters	Nominal Value	Units
Drying Time	4	hr
Drying Temperature	80	°C
Suggested Max Moisture	0.040 to 0.10	%
Processing (Melt) Temp	230 to 270	°C
Mold Temperature	40 to 80	°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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