

Technical Data Sheet



Schulblend LUCENT PC/ABS-1218EFL BLK

Polycarbonate + ABS

Product Description

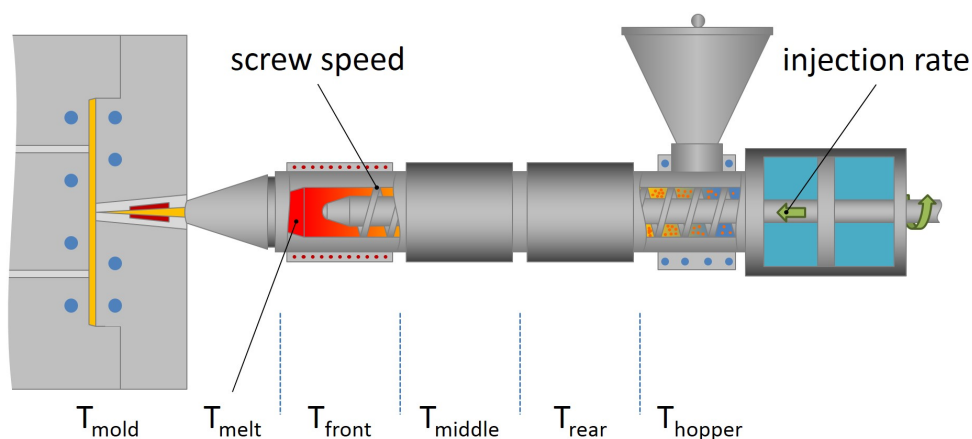
Polycarbonate + ABS, Easy Flow Injection Grade Colors Available Add "R" for Added Release Add "U" for UV Stabilized

Regulatory Status

For regulatory compliance information, see LUCENT PC/ABS-1218EFL BLK [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Attribute	Good Flow
Appearance	Colors Available

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	18	g/10 min	ASTM D1238
Density - Specific Gravity	1.13	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	55.8	MPa	ASTM D638
Flexural Modulus	2260	MPa	ASTM D790
Tensile Elongation at Break	>140	%	ASTM D638
Flexural Strength	86.2	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	640	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	110	°C	ASTM D648



Injection Parameters	Nominal Value	Units
Drying Temperature	82 to 99	°C
Suggested Max Moisture	<0.020	%
Nozzle Temperature	249 to 277	°C
Processing (Melt) Temp	238 to 277	°C
Front Temperature	238 to 271	°C
Middle Temperature	238 to 271	°C
Rear Temperature	232 to 260	°C
Injection Rate	Moderate-Fast	
Back Pressure	<1.03	MPa
Mold Temperature	60 to 82	°C

Notes

These are typical property values not to be construed as specification limits. The typical values for this product may have been tested on a natural grade.

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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