

Technical Data Sheet

Schulablend QR-10120HF-GY25618GRY



Polycarbonate + ASA

Product Description

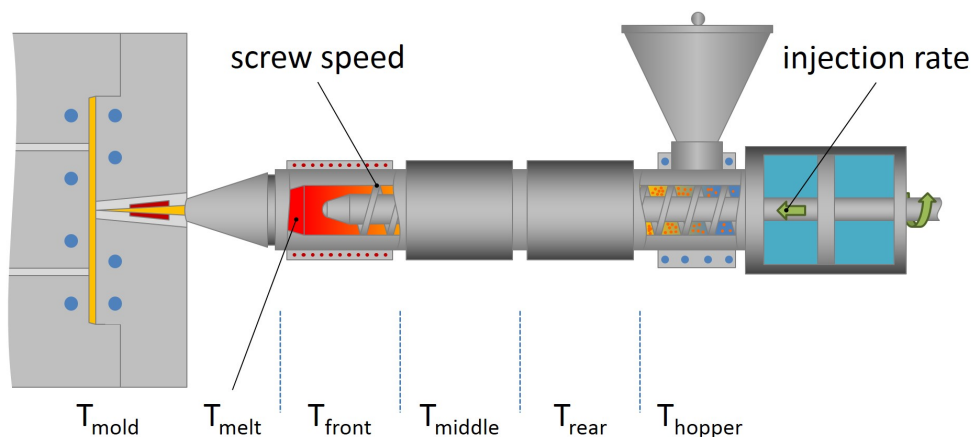
QR-10120HF-GY25618 is an unfilled, UV and heat stabilized, impact modified, grey, PC/ASA compound that is suitable for injection molding.

Regulatory Status

For regulatory compliance information, see QR-10120HF-GY25618GRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Forms	Pellets
Appearance	Grey

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	40	g/10 min	ASTM D1238
Density - Specific Gravity	1.17	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	58.6	MPa	ASTM D638
Flexural Strength at Yield	96.5	MPa	ASTM D790
Flexural Modulus	2340	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	270	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	132	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	138	°C	ASTM D648



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	100	°C
Nozzle Temperature	240-265	°C
Processing (Melt) Temp	304 to 327	°C
Front Temperature	245-270	°C
Middle Temperature	250-275	°C
Rear Temperature	250-275	°C
Mold Temperature	65-95	°C
Drying Time, Maximum	4	hr

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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