

Technical Data Sheet

Diamaloy ASAPC GLY 130 GF10 50583 UVGRY



Polycarbonate + ASA

Product Description

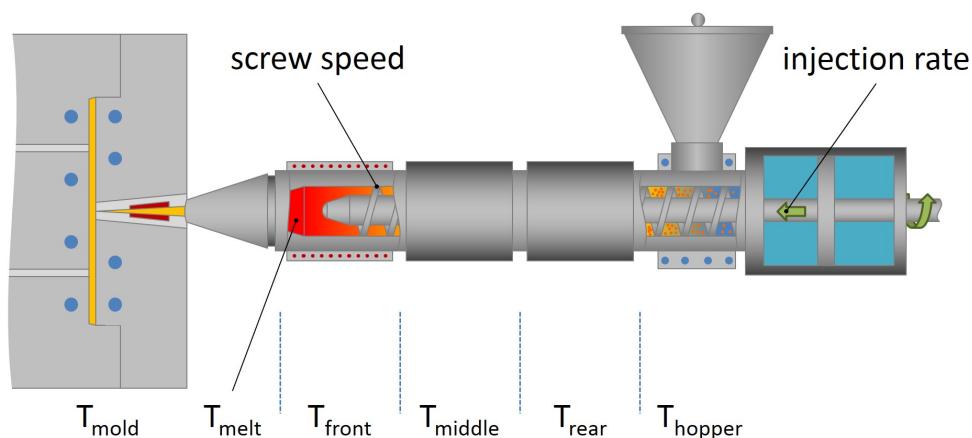
Diamaloy ASAPC GLY 130 GF10 50583 UVGRY is a Polycarbonate + ASA material.

Regulatory Status

For regulatory compliance information, see ASAPC GLY 130 GF10 50583 UVGRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Forms	Pellets
Additive	UV Stabilizer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (265 °C/5.0 kg, Procedure A)	17	g/10 min	ASTM D1238
Density - Specific Gravity	1.25	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus, (1.3 mm/min, Procedure B, Method I (3 point load))	2930	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm, Method A)	120	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi), (6.35 mm)	113	°C	ASTM D648



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr

Drying Temperature	82 to 93	°C
Suggested Max Moisture	0.1	%
Nozzle Temperature	220 to 272	°C
Processing (Melt) Temp	220 to 272	°C
Front Temperature	235 to 272	°C
Suggested Shot Size	40 to 70	%
Middle Temperature	232 to 265	°C
Rear Temperature	230 to 260	°C
Injection Rate	Fast	
Back Pressure	0.517 to 1.03	MPa
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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