

Technical Data Sheet

Diamaloy ASAPC FA30 50209 UVGRY



Polycarbonate + ASA

Product Description

Diamaloy ASAPC FA30 50209 UVGRY is a Polycarbonate + ASA material and is typically used in Injection Molding applications. Features include: Good Weather Resistance.

Regulatory Status

For regulatory compliance information, see *Diamaloy* ASAPC FA30 50209 UVGRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	North America
Processing Method	Injection Molding
Attribute	Good Weather Resistance
Forms	Pellets
Additive	Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(200 °C/5.0 kg, Procedure A)	0.70	g/10 min	ASTM D1238
(230 °C/3.8 kg, Procedure A)	2.6	g/10 min	ASTM D1238
Density - Specific Gravity	1.24	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (51 mm/min)	51.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Tangent)	2250	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	530	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	103		ASTM D785
Thermal			
Vicat Softening Temperature, (Loading 1 (10 N))	120	°C	ASTM D1525
Deflection Temperature Under Load Unannealed (264 psi), (3.18 mm)	107	°C	ASTM D648
UL Information			
Flame Rating, (1.5 mm)	V-0		UL 94

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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