

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.

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