

Plaslube® PC / ASA FR1508 UV

Acrylonitrile Styrene Acrylate + PC

Techmer Engineered Solutions

Message:

Plaslube® PC / ASA FR1508 UV is an Acrylonitrile Styrene Acrylate + PC (ASA+PC) product. It can be processed by injection molding and is available in North America.

Characteristics include:

- Flame Rated
- Flame Retardant
- Good UV Resistance
- Halogen Free
- UV Stabilized

General Information			
UL YellowCard	E253782-101773915		
Additive	Flame Retardant		
	UV Stabilizer		
Features	Flame Retardant		
	Good UV Resistance		
	Halogen Free		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	45	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.45	%	ASTM D955
Water Absorption (24 hr)	0.24	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	64.8	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	27	%	
Flexural Modulus	2590	MPa	ASTM D790
Flexural Strength	84.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	98.9	°C	
1.8 MPa, Unannealed	96.1	°C	
CLTE - Flow	7.2E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94

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Recommended distributors for this material

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