

Plaslube® PC / ASA FR1508 UV

Techmer Polymer Modifiers - Polycarbonate + ASA

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Flame Retardant • UV Stabilizer
Features	• Flame Retardant • Halogen Free • UV Resistant
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.19		ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	45	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	4.5E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.24	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9400	psi	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Tensile Elongation (Break)	27	%	ASTM D638
Flexural Modulus	375000	psi	ASTM D790
Flexural Strength	12200	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	3.5	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	210	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	205	°F	ASTM D648
CLTE - Flow	4.0E-5	in/in/°F	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	V-0		UL 94

