

Veroplas SER91

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Veroplas SER91 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe or North America.

Characteristics include:

- Flame Rated
- Flame Retardant
- Good Processability
- Heat Resistant
- UV Stabilized

General Information			
UL YellowCard	E315545-100118266		
Additive	UV Stabilizer		
Features	Flame Retardant		
	Good Moldability		
	High Heat Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Water Absorption (24 hr)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	39.3	MPa	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	100	°C	ASTM D1525
CLTE - Flow	9.2E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.800 mm	V-2		
1.50 mm, ALL	V-0		

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