

Veroplas GW30

High Impact Polystyrene

PlastxWorld Inc.

Message:

Veroplas GW30 is a High Impact Polystyrene product. It is available in Europe or North America.

Characteristics include:

- Flame Rated
- Flame Retardant
- Impact Resistant
- UV Stabilized

General Information			
Additive	UV Stabilizer		
Features	Flame Retardant		
	High Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.10	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (L-Scale)	83		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.6	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	2050	MPa	ASTM D790
Flexural Strength	49.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	80.0	°C	ASTM D648
Vicat Softening Temperature	95.0	°C	ASTM D1525 ¹
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm, ALL)	V-0		UL 94
NOTE			
1.	Loading 1 (10 N)		

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