

Veroplas GW50

High Impact Polystyrene

PlastxWorld Inc.

Message:

Veroplas GW50 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)	5.0	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
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.1	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Flexural Modulus	1800	MPa	ASTM D790
Flexural Strength	36.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	69	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	97.2	°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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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

