Geon™ Vinyl Rigid Extrusion 87547

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Rigid Extrusion 87547 is a rigid polyvinyl chloride product. It can be processed by extrusion and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.
Features include:
high liquidity
Impact resistance

General Information			
Features	Impact resistance, high High liquidity		
Uses	Profile		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.33	g/cm³	ASTM D792
PVC Cell Classification	16453		ASTM D1784
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D, 15 sec)	82		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus [1]	2790	MPa	ASTM D638
Tensile Strength [2] (Yield)	53.4	MPa	ASTM D638
Flexural Modulus	2840	MPa	ASTM D790
Flexural Strength	88.5	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256A
23°C, 3.18mm, injection molding	1100	J/m	ASTM D256A
Transverse flow: 23°C, 3.18mm, molded	570	J/m	ASTM D256A
Flow: 23°C, 3.18mm, molded	140	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C [3]	52.0	J/cm	ASTM D4226
23°C [4]	173	J/cm	ASTM D4226
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	67.2	°C	ASTM D648
CLTE - Flow	7.0E-5	cm/cm/°C	ASTM D696
Additional Information			
注释:分档是采用注塑模制样品进行缺口摆锤冲击试验确定的.			

Extrusion	Nominal Value	Unit
Melt Temperature	182 - 193	°C

NOTE	
1.	Type 1, 5.1 mm/min
2.	Type 1, 5.1 mm/min
3.	Procedure A, C.125 Throwing
4.	Procedure B, C.125 Throwing

Recommended distributors for this material

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