

Geon™ Vinyl Flexible R242BE

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R242BE is a Flexible Polyvinyl Chloride product. It can be processed by coextrusion, extrusion, injection molding, or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible R242BE include hose/tubing, construction applications and furniture.

Characteristics include:

Low Gloss

UV Stabilized

General Information	
Additive	Biocide UV Stabilizer
Features	Low Gloss UV Absorbing
Uses	Construction Applications Furniture Hose Profiles Tubing
Forms	Pellets
Processing Method	Coextrusion Extrusion Injection Molding Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	13.8	MPa	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-23.9	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	23	%	ASTM D2863
Injection	Nominal Value	Unit	

Processing (Melt) Temp	185 to 196	°C
Extrusion	Nominal Value	Unit
Melt Temperature	171 to 179	°C
NOTE		
1.	Type IV, 510 mm/min	
2.	Type IV, 510 mm/min	

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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

