Titanvene™ BPD3220

Linear Low Density Polyethylene

PT. TITAN Petrokimia Nusantara

Message:

Titanvene™ BPD3220 is a linear low density polyethylene designed for extrusion process especially in wire and cable insulation applications. Titanvene™ BPD3220 characterized by low gel content, easy extrusion without slip and anti block additives content.
Applications
Titanvene™ BPD3220 is a wire and cable polyethylene grade applications for low voltage wire insulation
Recommended Processing Conditions
Titanvene™ BPD3220 can be easily processed on normal machines at temperatures in the range of 180°C to 210°C.
Food Contact Compliance
Titanvene™ BPD3220 can be used in food contact applications. Please contact your nearest PT. TITAN Petrokimia Nusantara representative for more detail of food contact compliance statements for the specific grade.

General Information			
Features	Food Contact Acceptable Good Processability Low Gel		
Uses	Low Voltage Insulation Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Wire & Cable Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.920	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.6	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	0.0827	MPa	ASTM D638
Tensile Elongation (Break)	> 800	%	ASTM D638
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	100	°C	ISO 306
Melting Temperature (DSC) [1]	120	°C	ISO 3146
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity	1.0E+16	ohms·cm	ASTM D257
Dielectric Constant	2.54		ASTM D150
Dissipation Factor	< 1.0E-4		ASTM D150
Extrusion	**Nominal Value**	**Unit**	
Melt Temperature	180 to 210	°C	
NOTE			
1.	Method C		

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