SNOLEN® EC 4/48

High Density Polyethylene

JSC Gazprom neftekhim Salavat

Message:

CHARACTERISTIC PROPERTIES
High impact strength.
MAJOR APPLICATIONS
Wire and cables isolation.

General Information			
Features	High Density High Impact Resistance		
Uses	Insulation Wire & Cable Applications		
Forms	Pellets		
Processing Method	Wire & Cable Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density (23°C)	0.944 to 0.948	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/21.6 kg	63 to 77	g/10 min	
190°C/5.0 kg	3.0 to 4.0	g/10 min	
Melt Flow Ratio	16.0 to 24.0		
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D)	58		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 527-2/50
Yield	24.0	MPa	
Break	32.0	MPa	
Tensile Strain (Yield)	8.0	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Unnotched Impact Strength (23°C)	10	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	77.0	°C	ISO 306/B50
Extrusion	**Nominal Value**	**Unit**	
Melt Temperature	180 to 220	°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