

Petrothene KR52828E

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.3	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	900	MPa	ISO 527
Yield stress	23	MPa	ISO 527
Shore D hardness	61	-	ISO 7619-1
ASTM Data			
Elongation at Break	700	%	ASTM D 638
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	130	°C	ISO 11357-1/-3
Electrical properties			
ISO Data			
Electric strength	20	kV/mm	IEC 60243-1
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Density	956	kg/m ³	ISO 1183
Moisture Content	0.03	%	-

Characteristics**Processing**

Wire/Cable Extrusion

Special Characteristics

U.V. stabilized or stable to weather

Features

Thermal Stability

Chemical Resistance

Environmental Stress Crack Resistance

Applications

Building Construction, Electrical and Electronical

Regional Availability

Europe