

Petrothene PR92735

(PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.72	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	11	MPa	ASTM D 638
Tensile Strength at Break	16.6	MPa	ASTM D 638
Elongation at Break	650	%	ASTM D 638
Shore D Hardness	57	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	200	E-6/K	ASTM D 696

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	19.7	kV/mm	ASTM D 149

Other properties	Value	Unit	Test Standard
Density	930	kg/m ³	ASTM D 792

Characteristics**Processing**

Wire/Cable Extrusion

Regional Availability

North America

Chemical Resistance

Oxidation Resistance