

Petrothene LR590005

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.8	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	21.7	MPa	ASTM D 638
Tensile Strength at Break	16.2	MPa	ASTM D 638
Elongation at Break	800	%	ASTM D 638

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	948	kg/m ³	ASTM D 792

Characteristics**Processing**

Wire/Cable Extrusion

Additives

Metal deactivator

Chemical Resistance

Oxidation Resistance

Applications

Electrical and Electronical

Regional Availability

North America