

Petrothene LP510031

(PE-HD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11.5	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	21.6	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	25.5	MPa	ASTM D 638
Elongation at Break	800	%	ASTM D 638
Shore D Hardness	65	-	ASTM D 2240
Thermal properties			
ASTM Data			
DTUL @ 66 psi	73	°C	ASTM D 648
Vicat Temperature	122	°C	ASTM D 1525
Other properties			
Density	950	kg/m ³	ASTM D 792

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion, Blow Molding, Thermoforming

Special Characteristics

High impact or impact modified

Chemical Resistance

Environmental Stress Crack Resistance

Applications

Packaging

Regional Availability

North America