

Petrothene GA584189

(PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	105	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	15	MPa	ASTM D 638
Tensile Strength at Break	12	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Shore D Hardness	60	-	ASTM D 2240
Thermal properties			
ASTM Data			
DTUL @ 66 psi	51	°C	ASTM D 648
Vicat Temperature	83	°C	ASTM D 1525
Other properties			
Density	929	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

Packaging

Chemical Resistance

Environmental Stress Crack Resistance

Regional Availability

North America