

Petrothene GA568200

(PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	33	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	14	MPa	ASTM D 638
Tensile Strength at Break	8	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Shore D Hardness	58	-	ASTM D 2240
Thermal properties			
ASTM Data			
DTUL @ 66 psi	46	°C	ASTM D 648
Vicat Temperature	87	°C	ASTM D 1525
Other properties			
Density	925	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Applications

Medical, Packaging, Sports Equipment