

Petrothene GA2508G (PE-LLD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	0.8	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Density, 73°F	930	kg/m³	ASTM D 792
Thermal Properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	113	°C	ASTM D 1525
Film Properties	Value	Unit	Test Standard
ASTM Data			
Elongation at Yield, TD	54	MPa	ASTM D 882
Elongation at Break, MD	46	MPa	ASTM D 882
Thickness of specimen	600	%	ASTM D 882
Elongation at Break, TD	750	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.0254	mm	-
Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	45	-	ASTM D 2457
Haze	18	%	ASTM D 1003
Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	200 - 230	°C	-

Characteristics

Processing

Film Extrusion, Profile Extrusion, Sheet Extrusion, Blown Film Extrusion

Delivery form

Pellets

Additives

Antiblocking agent

Certifications

Food approval

Applications

Packaging