

Polyethylene LP 554W-01

PE

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	31	MPa	ASTM D 638
Elongation at Break	900	%	ASTM D 638
Flexural Modulus	1517	MPa	ASTM D 790
Shore D Hardness	65	-	ASTM D 2240
Izod Impact notched, 1/8 in	69.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	129	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	962	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Features

Low Warpage, Homopolymer

Delivery form

Natural Color

Regional Availability

North America