

Polyethylene LP 522-01

PE

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	10.3	MPa	ASTM D 638
Elongation at Break	150	%	ASTM D 638
Flexural Modulus	448.2	MPa	ASTM D 790
Shore D Hardness	47	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	42.8	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	940	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Features

Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America