

HOPELEN Y-120A

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	36	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Flexural Modulus	1610	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785
Izod Impact notched, 1/8 in	46	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	117	°C	ASTM D 648
Vicat Temperature	153	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

North America, Europe, Asia Pacific