

Technical Data Sheet (TDS)

HIGH DENSITY POLYETHYLENE(HDPE) FJ952

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate			
at 190°C and 2.16 kg	0.05	g/10 min	ASTM D1238
at 190°C and 21.6 kg	9	g/10 min	ASTM D1238
Density			
at 23°C	952	kg/m ³	ASTM D1505
MECHANICAL PROPERTIES			
Dart Impact Strength	180	g/μm	ASTM D1709
FILM PROPERTIES			
Tensile Properties ⁽¹⁾			
stress at break, MD	60	MPa	ASTM D882
stress at break, TD	56	MPa	ASTM D882
strain at break, MD	400	%	ASTM D882
strain at break, TD	550	%	ASTM D882
stress at yield, MD	33	MPa	ASTM D882
stress at yield, TD	31	MPa	ASTM D882
1% secant modulus, MD	1250	MPa	ASTM D882
1% secant modulus, TD	1500	MPa	ASTM D882
Elmendorf Tear Strength			
MD	12	g	ASTM D1525
TD	60	g	ASTM D1525

For your reference only.

