



EURASIA PETROL
Trading of Petroleum Products

PRODUCT DATA SHEET

Product Category	Product Name	Grade
Polymers	POLYETHYLENE – HDPE	EX5

Property	Test Method	Unit	Value
Mass density (230 C)	ISO 1183	g/cm ³	0.949
Melt Flow Rate (1900C/5.0kg)	ISO 1133	g/10min	0.28
Melt Flow Rate (1900C/21.6kg)	ISO 1133	g/10min	8
Stress at Yield	ISO 527	MPa	24
Stress at Break	ISO 527	MPa	35
Softening Temperature	ISO 306	0C	75
Brittle Temperature	ASTM D746-72	0C	< - 80
Shore D hardness	ISO 868	-	60
Max. tensile strength MD / TD	ISO 527	MPa	45/40
Tear strength MD / TD	ISO 6383-2	m N	200/450
Max. elongation MD / TD	ISO 527	%	400/450
Dart Drop Impact	ASTM D 1709	g	220

Application	Film extrusion-Counter bag, carrier bag -Wrapping films
Packaging	25 Kg plastic bag



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