



## PRODUCT DATA SHEET

Product Category	Product Name	Grade
<b>POLYMER</b>	<b>POLYETHYLENE -HDPELPOLY</b>	<b>EX5</b>

PROPERTY	Test Method	Unit	Value
Mass density (230 C)	ISO 1183	g/cm <sup>3</sup>	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	OC	75
Brittle Temperature	ASTM D746-72	OC	< - 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