



EX5 Datasheet

Description:	EX5 is a high density polyethylene with 1-Butene as comonomer. It is good stiffness and tenacity, high molar mass.
Typical Applications:	• Film extrusion • Counter bag, carrier bag • Wrapping films

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE
Mass density (23°C)	ISO 1183	g/cm ³	0.949
Melt Flow Rate (190°C/5.0kg)	ISO 1133	g/10min	0.28
Melt Flow Rate (190°C/21.6 kg)	ISO 1133	g/10min	8
Stress at Yield	ISO 527	Mpa	24
Stress at Break	ISO 527	Mpa	25
Softening Temperature	ISO 306	°C	75
Brittle Temperature	ASTM D746-72	°C	< - 80
Shore D hardness	ISO 868	-	60
Application Properties			
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



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