



METALLOCENE α -OLEFIN COPOLYMER

FILM GRADE



PRIME POLYMER

SP0510

- ◆ EXCELLENT MECHANICAL PROPERTIES
- ◆ EXCELLENT HEAT SEAL PROPERTIES

PHYSICAL PROPERTIES

PROPERTIES	UNIT	TEST METHOD (ISO)	TEST CONDITION	SP0510
Melt Flow Rate	g/10min	1133	190°C	1.2
Density	kg/m ³	1183	-	904
Tensile Stress @ Yield	Mpa	527-1,2	-	-
Tensile Strength @ Break	Mpa	527-1,2	-	18
Tensile Strain @ Break	%	527-1,2	-	>500
Stiffness (Flexus Modulus)	Mpa	178	-	110
Charpy Impact Strength	kJ/m ²	179-1	-	NB
Hardness	-	868	Shore D	49
Environmental Stress Crack Resistance	hrs	D1693 (ASTM)	-	>1000
Vicat Softening Point	°C	306	-	85
Melting Point	°C	11357-3	-	98

* The figures shown above are representative but not specification values.