



METALLOCENE  $\alpha$ -OLEFIN COPOLYMER



PRIME POLYMER

FILM GRADE

## SP2040

- ◆ EXCELLENT MECHANICAL PROPERTIES
- ◆ EXCELLENT HEAT SEAL PROPERTIES
- ◆ EXCELLENT OPTICAL PROPERTIES

### PHYSICAL PROPERTIES

PROPERTIES	UNIT	TEST METHOD (ISO)	TEST CONDITION	SP2040
Melt Flow Rate	g/10min	1133	190°C	3.8
Density	kg/m <sup>3</sup>	1183	-	918
Tensile Stress @ Yield	Mpa	527-1,2	-	-
Tensile Strength @ Break	Mpa	527-1,2	-	>19
Tensile Strain @ Break	%	527-1,2	-	>500
Stiffness (Flexus Modulus)	Mpa	178	-	220
Charpy Impact Strength	kJ/m <sup>2</sup>	179-1	-	NB
Hardness	-	868	Shore D	55
Environmental Stress Crack Resistance	hrs	D1693 (ASTM)	-	>1000
Vicat Softening Point	°C	306	-	101
Melting Point	°C	11357-3	-	116

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