

**PRIME TPO(Semi-Hard Type, Homo Grade) Product Data Sheet**

Properties		Unit	Test Method			Homo		
			JIS	ISO	ASTM	E-2900H	E-2900	F-3900
Melt mass-flow rate		g/10min	K 7210:99	1133-97		2.8	2.8	4.5
Tensile properties	Tensile Strength at Yield	MPa	K 7162:94	527-2:93		19.5	18	17.5
	Tensile Strength at Break	MPa				24	22.5	22
	Elongation at Break	%				500<	500<	500<
Flexural Properties	Flexural Strength	MPa	K 7171:94	178:93		21	17.5	17
	Flexural Modulus	MPa				590	450	420
Izod Impact Strength	23	kJ/m <sup>2</sup>	K 7110	180:93 (MOD)		10	15	15
Shore Hardness		D scale	ASTM		D2240:95	70	67	67
Film Properties	Thickness	μ	prime method			80	80	80
	Tensile Modulus	MPa	Z 1702			550/550	430/430	430/430
	Tensile Strength at Break	MPa				43/43	40/40	40/40
	Elongation at Break	%				500</500<	500</500<	500</500<
	Haze(all)	%	K 7105			9	11	6
	Haze(internal)	%				0.7	0.6	0.6

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 This product is to be used for packaging medicine, please consult with your primepolymer representative beforehand.  
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