

PRIME TPO(Soft Type, Block Grade) Product Data Sheet

Properties		Unit	Test Method			Block			
			JIS	ISO	ASTM	R110MP	R110E	T310E	M142E
Melt mass-flow rate		g/10min	K 7210:99	1133:97	—	2.0	1.5	1.5	10.0
Tensile Properties	Tensile Strength at Break	MPa	K 6251:93	—	—	16	23	35	10
	Elongation at Break	%		400<	400<	400<	500<		
Flexural Properties	Flexural Strength	MPa	K 7203:95	—	—	2.5	2.8	5	2.2
	Flexural Modulus	MPa		30	55	110	45		
Shore Hardness	D scale	—	—	—	D2240:95	—	22	35	21
	A scale	—	K 6253:97	—	—	68	78	—	75
Izod Impact Strength	23°C	kJ/m ²	JIS K 7110	180:93	—	NB	NB	NB	NB
	-20°C	kJ/m ²				NB	NB	NB	NB
Vicat Softning Point	250g load	°C	K 7206:99	306:94 (MOD)	—	60	80	97	70

- ◇ Data described in this catalog are representative figures obtained by measurement under specific conditions.
- ◇ Uses described in this catalog do not necessarily assure results of certain product applications.
- ◇ When using this product for uses introduced in this catalog, care should be taken not to infringe on industrial property rights.
- ◇ This product is to be used for packaging medicine, please consult with your primepolymer representative beforehand.
- ◇ Information contained in this catalog is subject to change with or without notice.