PRIME POLYMER
Our Goal Is To Be Your "Prime Solution Partner."

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Prime Polymer Co.,Ltd.

Prime Polypro (Blow, Extrusion molding) Product Data Sheet

Properties		Unit	Test Method		Test Condetions	Homo		Random		Block
			JIS	ISO		E111G	E-200GP	B221WA	J232WA	E-185G
General Properties	Melt Flow Rate	g/10min	K 7210	1133	230℃	0.5	2.0	0.5	1.5	0.3
	Density	kg/m^3	K 7112	1183		910	910	910	910	910
Mechanical Properties	Tensile strength at Yield	MPa	K 7161	527		36.0	34.0	29.0	27	32.0
	Tensile Elongation at Break	%	K 7161	527		200<	310	200<	200 <	50
	Tensile Modulus	MPa	K 7161	527		1,600	1,310	1,050	950	1,450
	Charpy Impact Strength	kJ/m^2	K 7111	179	23℃	13	8	22	11	65
		kJ/m^2	K 7111	179	-20℃	—	—	—	—	6.8
	Heat Deflection Temperature	℃	K 7191	75	0.45MPa	115	117	85	85	115
	Rockwell Hardness	—	K 7202	2039-2	R scale	100	105	90	85	92
Characteristics						General	High Rigidity	Transparent	Low heat seal	High Impact
										High Rigidity
Main Applications						Sheet	Sheet	Sheet	Sheet	Blow molding
						Cup		Blow bottle		

◇ Data described in this catalog are representative figures obtained by measurement under specific conditions.
◇ It is the customers responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose.
◇ Please check industrial property rights before start production.
◇ Please consult with your primepolymer representative when our products to be used in medical applicaton.
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