

		High Flow, Fast Molding Cycle	Super High Flow, Fast Molding Cycle	Standard	Black color concentrate	Standard	
ISO Marking Code	ISO11469 (JIS >POM< K6999)	>POM<	>POM<	>POM<	>POM<	>POM-CD15<	>POM<
Density	g/cm ³	ISO 1183	1.41	1.41	1.41	-	1.41
Water absorption (23°C,24hrs,1mmt)	%	ISO 62	0.5	0.5	0.5	-	0.5
MFR (190°C、2.16kg)	g/10min	ISO 1133	27	45	9	5	9
MVR (190°C、2.16kg)	cm ³ /10min	ISO 1133	23	38	8	-	8
Tensile strength	MPa	ISO 527-1,2	63	63	62	-	62
Strain at break	%	ISO 527-1,2	30 *1	27	35	-	35
Flexural strength	MPa	ISO 178	88	89	87	-	87
Flexural modulus	MPa	ISO 178	2,55	2,55	2,5	-	2,5
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	5.3	5	6	-	6
Temperature of deflection under load (1.8MPa)	°C	ISO 75-1,2	100	100	95	-	95
Coefficient of linear thermal expansion (23 - 55°C、Flow direction)	x10 ⁻⁵ /°C	Our standard	11	11	12	-	12
Coefficient of linear thermal expansion (23 - 55°C、Transverse direction)	x10 ⁻⁵ /°C	Our standard	11	11	12	-	12
Electric strength (3mmt)	kV/mm	IEC 60243-1	19	19	19	-	19
Tracking resistance (CTI)	V	IEC 60112	(> 600)	(> 600)	(> 600)	-	(> 600)
Rockwell hardness	M(Scale)	ISO2039-2	80	80	80	-	80
Flammability		UL94	HB	HB	HB	-	HB