

355 resin Technical Specifications

Attribute	Unit	GM1811	GM1618	MS1920	GM1728 Gray	GM2260	Thermo1638	SoftX1658	Crysplus1801	Cryscat2101	D2000	GM2211
Appearance		White	White	Coffee	Gray	Black	White	White	Transparent	Transparent	White	Off White
Packing		10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel
Viscosity @30°C(Liquid)	cps	497	418	400	390	410	893	125.9	200	210	410	390
Density @25°C(Liquid)	g/cm3	1.14	1.18	1.18	1.15	1.17	1.21	1.12	1.12	1.13	1.17	1.16
Tensile Strength	MPa	53.7	42	54	62.4	61	64	3-4	48	49	52	51
Tensile Modulus	MPa	3160	2280	2200	3200	3000	2846	40-50	2200	2730	2200	2000
Elongation at Break	%	5.1	8	13	6.8	7	4	51	12	15	9	8.9
Flexural Strength	MPa	78.6	80	93	83.1	90	112	2-3	86	80	98	100
Flexural Modulus	MPa	2450	1860	2465	2390	2300	2600	80-100	2100	2360	2500	2600
Izod Impact(Notched)	J/m	31	32	32	42	41	19	120-150	28	22	32	30
Hardness(Shore D)	%	81	78	87	83	84	86	90(Shore A)	86	84	84	85
HDT@0.46 MPa	°C	59.1	49	59	56.4	55	70	/	52	53	54	56
Water Absorption	%	0.58	0.41	0.4	0.54	0.54	0.41	0.7	0.48	0.44	0.51	0.45