MAGFORMS

355 resin Technical Specifications

Attribute	Unit	**GM1811**	**GM1618**	**MS1920**	**GM1728 Gray**	**GM2260**	**Thermo1638**	**SoftX1658**	**Crysplus1801**	**Cryscat2101**	**D2000**
Appearance		White	White	Coffee	Gray	Black	White	White	Transparent	Transparent	White
Packing		10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel	10kg/barrel
Viscosity @30℃(Liquid)	cps	497	418	400	390	410	893	125.9	200	210	410
Density @25℃(Liquid)	g/cm3	1.14	1.18	1.18	1.15	1.17	1.21	1.12	1.12	1.13	1.17
Tensile Strength	MPa	53.7	42	54	62.4	61	64	3-4	48	49	52
Tensile Modulus	MPa	3160	2280	2200	3200	3000	2846	40-50	2200	2730	2200
Elongation at Break	%	5.1	8	13	6.8	7	4	51	12	15	9
Flexural Strength	MPa	78.6	80	93	83.1	90	112	2-3	86	80	98
Flexural Modulus	MPa	2450	1860	2465	2390	2300	2600	80-100	2100	2360	2500
Izod Impact(Notched)	J/m	31	32	32	42	41	19	120-150	28	22	32
Hardness(Shore D)	%	81	78	87	83	84	88	90(Shore A)	86	84	84
HDT@0.46 MPa	℃	59.1	49	59	56.4	55	70	/	52	53	54
Water Absorption	%	0.58	0.41	0.4	0.54	0.54	0.41	1.5	0.48	0.44	0.51