MAGFORMS

405 resin Technical Specifications

Attribute	Unit	**X110**	**Rigid110**	**W900**	**RC600**	**RC800**	**RC900**	**DM550**	**Elastic600**	**Crys100**	**ABS110**
Appearance		White	White/Blue /Gray	Orange Red	Orange Red	Orange Red	Orange Red	Skin	Black/White	Transparent	Black
Viscosity @30℃(Liquid)	cps	320	280	380	290	420	390	340	450	220	281
Density @25℃(Liquid)	g/cm3	1.13	1.14	1.12	1.15	1.13	1.15	1.13	1.14	1.11	1.18
Tensile Strength	MPa	40.2	42.7	44	42	42	42	45	5-6	43	65
Tensile Modulus	MPa	2100-2300	2300-2500	2200-2300	2200-2300	2200-2300	2250-2300	2500-2600	/	2200-2300	3000
Elongation at Break	%	19	20	16	19	19	19	21	45-55	19	7.2
Flexural Strength	MPa	72	77.4	76	76	77	77	79	90-110	75	84.2
Flexural Modulus	MPa	1800-1900	1922	2000-2100	1890	2000	2000	2100	/	2000	2420
Izod Impact(Notched)	J/m	35	39.3	38	38	38	38	37	140-150	35	49
Hardness(Shore D)	%	84	85	86	82	83	81	85	30	83	84
HDT@0.46 MPa	℃	52	/	54	49	54	48	54	56	50	60
Water Absorption	%	0.36	0.36	0.34	0.35	0.36	0.36	0.36	0.39	0.37	0.35