

marcryn

Product Information Sheet

TYPICAL PROPERTIES OF MARCRYL RESINS (1)					
	TEST METHOD			VALUE	UNIT
	DIN	ASTM	ISO		
PHYSICAL					
Density	53479	D 792	R 1183	1.19	g/cm ³
Water absorption	53495: A		62	30	mg
OPTICAL					
Transmittance (3mm thick material in the visible range)	5036 Part 3			92	%
Haze		D 1003		1-3	%
Refractive index (n _D)			489	1.491	
THERMAL					
Heat distortion temperatures					
Method B (0.45 MPa)	53461	D 648	75	95	°C
Method A (1.81 MPa)	53461	D 648	75	90	°C
Specific heat				1.47	J/KgK
Thermal conductivity	52612	C 177		0.19	W/mK
Coefficient of thermal expansion	53752-A			0.07	mm/m°C
Vicat softening point (B/50)			306	102	°C
FIRE RATING					
Material thickness >1.5mm	4102			B2	

All values are for standard grade material unless otherwise noted.