

EXEET PC Technical Data

Properties		Test method	Unit	Value	Unit	Value
Physical Properties	Specific Gravity	ASTM D792	-	1.20	-	1.20
	Water Absorption, 23 ⁰ C, 24hr	ASTM D570	%	0.20	%	0.20
	Refractive Index	ASTM D542	-	1.59	-	1.59
Optical Properties	Transmittance	ASTM D1003	%	86	%	86
	Haze	ASTM D1003	%	1.0	%	1.0
	Yellowness	ASTM D1925	YI	2.0	YI	2.0
Mechanical Properties	Tensile Strength	ASTM D638	psi	9500	Mpa	65.0
	Elongation	ASTM D638	%	100	%	100
	Flexural Strength	ASTM D790	psi	14000	Mpa	96.0
	Flexural Modules	ASTM D790	psi	332000	Mpa	2289
	Izod Impact Strength(@ 3mm)	ASTM D256	t-lbs/in	16.0(P)	J/m	854.4(P)
	Rockwell Hardness	ASTM D785	R Scale	115	R Scale	115
Thermal Properties	Load – deformation Temperature	(@ 1.820 Mpa)	ASTM D648	°F	°C	135
		(@ 0.455 Mpa)				140
	Coefficient of thermal expansion	ASTM D696	in/in/°F	3.75x10-5	cm/cm/°C	6x10-5
	Flammability	UL 94	-	V0,V2	-	V0,V2

✔ The above information is typical values only, not for warranty purpose.