

GENERAL PROPERTIES OF ACRYPET™

PROPERTY	Method	UNIT	TF8	VH	VH5	VH6
SPECIFIC GRAVITY	ISO1183	g/cm ³	1.19	1.19	1.19	1.19
TOTAL LIGHT TRANSMITTANCE (3mm)	ISO13468-1	%	93	93	93	93
HEAT DISTORTION TEMPERATURE (1.8MPa)	ISO75-2	°C	94	100	100	94
VICAT SOFTENING TEMPERATURE (50N)	ISO306	°C	101	107	107	101
MELT FLOW RATE (230°C 37.3N)	ISO1133	g/10min	10.0	2.0	5.5	1.5
TENSILE STRENGTH (1A/5)	ISO527-2	MPa	59	77	61	75
ELONGATION (1A/5)	ISO527-2	%	3	6	3	7
FLEXUAL STRENGTH	ISO178	MPa	120	140	125	135
FLEXUAL MODULAS	ISO178	GPa	3.3	3.3	3.3	3.3
CHARPY IMPACT STRENGTH (1eu unnotched)	ISO179-2C	kJ/m ²	19	20	19	18
CHARPY IMPACT STRENGTH (1eA notched)	ISO179-2D		1.3	1.4	1.3	1.6
ROCKWELL HARDNESS	ISO2039	M scale	96	101	101	100
MOLD SHRINKAGE	MRC METHOD	%	0.2-0.6	0.2-0.6	0.2-0.6	0.2-0.6

All technical Information and data are typical values and are not standard value.
These values might change without previous notice.



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