



# EXTRUDED POLYCARBONATE ABS ALLOY PC-ABS

<b>GENERAL</b>			
Density	ISO1183	1.16 ( 0.0418 )	g/cm <sup>3</sup> ( lb/in <sup>3</sup> )
Water Absorption	ISO62	-	%
<b>MECHANICAL</b>			
Tensile Strength	ISO527-2	55 ( 7976 )	MPa ( psi )
Elongation at Break	ISO527-2	40	%
Tensile Modulus	ISO527-2	2300 ( 333575 )	MPa ( psi )
Flexural Strength	ISO178	-	MPa ( psi )
Flexural Modulus	ISO178	-	MPa ( psi )
Izod Impact Strength, Notched, 23°C	ISO180/1A	48 ( 22.83 )	kJ/m <sup>2</sup> ( ft-lb/in <sup>2</sup> )
Izod Impact Strength, Notched, -30°C	ISO180/1A	20 ( 9.51 )	kJ/m <sup>2</sup> ( ft-lb/in <sup>2</sup> )
<b>THERMAL</b>			
Vicat Softening Temperature, B50, Annealed	ISO306	137 ( 279 )	°C ( °F )
Heat Distortion Temperature, 1.8MPa	ISO75	113 ( 235 )	°C ( °F )
Linear Thermal Expansion	DIN53752	7.0-7.5	/°K x 10 <sup>-5</sup>

*This specification provides typical data to the best of our knowledge at the time of publishing. Due to our inability to control conditions of use and application, we are unable to make any recommendations or suggestions. The EGR Group (Oakmoore Pty Ltd) assumes no liability for use of information presented herein.*