

**CRYLON AR – NON GLARE**


<b>GENERAL</b>			
<b>Property</b>	<b>Method</b>	<b>Unit</b>	<b>CRYLON<sup>®</sup> AR - NON GLARE</b>
Density	DIN EN ISO 1183	g/cm <sup>3</sup>	1,19
Water absorption 24h/23°C – 50x50x4mm <sup>3</sup>	DIN EN ISO 62 – Method 1	%	0,2
<b>MECHANICAL</b>			
<b>Property</b>	<b>Method</b>	<b>Unit</b>	<b>CRYLON<sup>®</sup> AR - NON GLARE</b>
Tensile strength	DIN EN ISO 527-2	MPa	70
Tensile modulus	DIN EN ISO 527-2	MPa	3100
Flexural strength	DIN EN ISO 178	MPa	110
Flexural modulus	DIN EN ISO 178	MPa	3000
Impact strength Charpy	DIN EN ISO 179-1	kJ/m <sup>2</sup>	15
<b>OPTICAL</b>			
<b>Property</b>	<b>Method</b>	<b>Unit</b>	<b>CRYLON<sup>®</sup> AR - NON GLARE</b>
Light transmission (3 mm)	DIN 5036-3 / DIN EN ISO 13468-2	%	> 90
Refractive index	DIN EN ISO 489	n <sub>D</sub> <sup>20</sup>	1,492
<b>THERMAL</b>			
<b>Property</b>	<b>Method</b>	<b>Unit</b>	<b>CRYLON<sup>®</sup> AR - NON GLARE</b>
Vicat temperature (B 50) Pre-treatment 16h at 80°C	DIN EN ISO 306	°C	105
Specific heat capacity	DIN EN ISO 11357-4	J/gK	1,47
Linear thermal expansion	DIN 53752 ISO 11359-2	mm/m x °C	0,07

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Thermal conductivity	DIN 52612 DIN EN ISO 22007-1	W/mK	0,18
Service temperature continuous use / Service temperature short term use		°C	70 / 90

Note: Technical data of our products are typical ones; the actually measured values are subject to production variations.