

# 8263

Flame Retardant ABS Simulant – Certified Fire Retardant UL94V-0



Physical Properties	
Colour	Translucent White
Pigmentable	Yes

Mechanical Properties				
			TEST/ISO	
Hardness	Shore A/D	@ 23°C	<b>83D</b>	<b>868</b>
		@60 °C	<b>80D</b>	
		@80 °C	<b>80D</b>	
Flexural Strength (MPa)			<b>93</b>	<b>178</b>
Flexural Modulus (MPa)			<b>2200</b>	
Tensile Strength (MPa)			<b>68</b>	<b>R527</b>
Elongation Break (%)			<b>15</b>	
Izod Impact (Kj/m <sup>2</sup> )			<b>10</b>	<b>180</b>

Thermal & Specific Properties		
Thermal Conductivity (W/mK)	<b>7</b>	BS874
Heat Deflection Temperature (°C) (test piece 110mm x 12.7mm x 6.4mm)	<b>80</b>	-

Call: 028 9070 6940

Email: [sales@laserproto.com](mailto:sales@laserproto.com)

Web: [www.laserproto.com](http://www.laserproto.com)

[Click here to request a quote](#)

Please be advised that all information provided in this document is representative of typical properties and as advised by the material manufacturer. Performance characteristics of these products may vary according to product application, operating conditions or with end use.

Laser Prototypes Ltd makes no warranties of any type, express or implied, with respect to any of the goods or services supplied. This includes but is not limited to any warranty of fitness for a particular purpose or of properties or of suitability for a specific application. Data are subject to change without notice as part of our continuous development and improvement processes.