



PRIME 08000/08003

PRIME 08000 is a modified TPO designed for automotive, leisure and general thermoforming applications. Products ending with 3 denotes a UV stabilised product.

Property	Unit		ISO	Value
PHYSICAL				
Density	g/cc		1183	0.9
MECHANICAL				
Charpy Impact, notched	kJ/m ²	23°C	180/A	60
	kJ/m ²	-20°C	180/A	8
Strength @ yield	MPa	50mm/min	527/2	19
Flexular Modulus	MPa		178	800
Elongation at break	%		527	300
THERMAL				
VST @ 10N (VST/A)	°C		306	131

Finishing

Aluminium tool construction is recommended with a temperature control function to ensure consistent moulding & finished part dimensional tolerances. A constant tool temperature (Typically 70-80°C for PRIME 08000) should be maintained throughout the production run. Cooling using air or water spray will speed up the cooling cycle to provide efficient production output. Once removed from the tool, it is recommended that the component is clamped in a frame for a short period to optimise dimensional stability & reduce the risk of warping.

Colour, Textures, Capabilities

PRIME 08000 is available in a full range of colours (subject to minimum order quantities) either colour matched to specific colour references, or to customer sample. A range of more standard colours is available for non-specific requirements. For outdoor use, PRIME 08000 can be stabilised against UV degradation. PRIME 08000 is available with a smooth or with a textured finish. Emboss swatches are available on request.

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