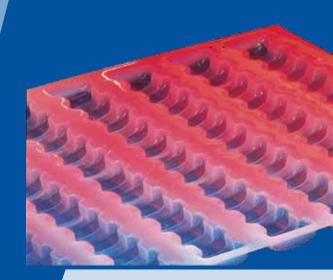


A subsidiary of Primex Plastics Corporation





PRIME 3000TF

PRIME 3000TF is a mineral filled PP Copolymer designed for automotive, leisure and general thermoforming applications where a higher HDT and stiffness is required than that of standard PRIME 3000. The material retains good low temperature impact properties and chemical resistance.

	Property	Unit	ISO	Value
PHYSICAL Density Melt Flow (190°C/5kg)		g/cc g/10min	1183 1183	1.04 0.3-0.5
MECHANICAL Izod Impact,notched	kj/m² kj/m²	23°C 23°C	180/A 180/A	42 5
Strength @ yield Flexular Modulus Shore 'D' Hardness	MPa MPa	50mm/min	527/2 178 868	27 1700 70
THERMAL VST @ 10N (VST/A) HDT@0.45 MPa (HDT/B)	°C		306 75	128 95
FLAMABILITY RATING ³ Horizontal burn	1.5mm 3.0mm		UL94 UL94	HB HB

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 3000TF) 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 3000TF 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 3000TF can be stabilised against UV degradation. PRIME 3000TF is available with a smooth or with a textured finish. Emboss swatches are available on request.

Notice: All statements, information, and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or in implied. Statements or suggestionconcerning possible use of our products are made without presentation of warranty that such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated, or that other measures may not be required.