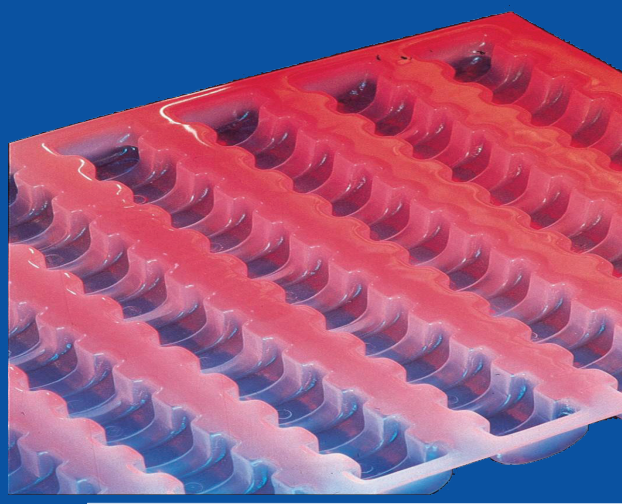
PRIMEX PLASTICS LIMITED

A subsidiary of Primex Plastics Corporation



PRIME 3000TF

PRIME 3000TF is a mineral filled Polypropylene 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		g/cc	1183	1.04
Melt Flow (230°C/2.16kg)		g/10min	1183	0.3-0.5
MECHANICAL				
Charpy Impact,notched	kj/m^2	23°C	180/A	53
	kj/m^2	-30°C	180/A	4.5
Strength @ yield	MPa	50mm/min	527/2	26
Flexular Modulus	MPa		178	2100
Shore 'D' Hardness			868	69
THERMAL				
HDT@0.45 MPa (HDT/B)	°C		75	118
FLAMMABILITY RATING				
Horizontal burn	1.5mm+		UL94	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 75°C for PRIME 3000 TF) 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. Shrinkage rates are available on application.

Colour, Textures, Capabilities

PRIME 3000 TF 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. PRIME 3000 TF is available with a smooth or with a textured finish. Emboss swatches are available on request.