

FORMPOLY® PP3CUVHF

(Unfilled PP-High Impact, UV Stabilized)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® PP3CUVHF**, which is UV stabilized, lubricated PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY® PP3CUVHF

High impact strength
Easy flow and fast solidification
Good mechanical and thermal properties.
UV stabilized
Easy processability
Good surface finish and Gloss
Excellent dimensional stability

PRE-DRYING

FPL grades can normally be taken for direct processing. However, in case the material is exposed to atmosphere, it is advisable to pre-dry the material at 80°C for 2 to 3 hours for good surface finish.

PACKING

FORMPOLY® PP3CUVHF is supplied in 25 Kgs. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Sockets and plugs
Automotive Head Lamp Parts
Control housing
Handles
Cable Terminals

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa	22
Elongation at Break	D638	%	200
Flexural Strength	D790	MPa	35
Flexural Modulus	D790	MPa	1000
Izod Impact Strength Notched	D256	kg.cm/cm	9
Heat Deflection Temp			
- at 4.6 Kg / Cm ² load	D646	°C	90
- at 18.5 Kg / Cm ² load		°C	50
Specific Gravity	D792	-	0.91
Shrinkage	D955	%	1.5 - 2.0
Melt Flow Index	D-1238	g/10 min	20

Conditioned test specimen. All results are measured under Dry-as-moulded natural test specimen
Coloured grades would record slightly lower mechanical properties as permitted by ASTM D-4066

The information present here is for general guidance. It is given in good faith but no warrant is attached

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