

FORMPOLY ABSHR110 (HEAT RESITANT - ABS)

GENERAL

FPL offers a range of Engineering plastics grades from unfilled, glass fibre reinforced, mineral reinforced, impact modified to flame retardant for most demanding conditions and extreme requirements including **FORMPOLY ABSHR110**, which is unfilled Heat Resistant ABS.

FORMPOLY ABSHR110

Heat Resistant
Good Mechanical Strength
Excellent dimensional stability
Moderate Flow

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 ABSHR110 is supplied in 25 Kg dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Radiator Grill
Speaker Box
Auto AC louvers
Electrical appliances body

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	54
Rockwell Hardness	D 785	R Scale	110
Flexural Modulus	D790	MPa.	2500
Izod Impact Strength Notched	D256	Kg Cm/ Cm	22
Heat Deflection Temp			
- at 4.6 Kg / Cm ² load	D648	°C	110
- at 18.5 Kg / Cm ² load	D648	°C	100
Specific Gravity	D792	-	1.05
Shrinkage	D955	%	0.45-0.65
Melt Flow Index	D1238	g/10mins	10

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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