

# FORMPOLY ABSHR90 (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 ABSHR90**, which is unfilled Heat Resistant ABS.

### **FORMPOLY ABSHR90**

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 ABSHR90** 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.	50
Rockwell Hardness	D 785	R Scale	105
Flexural Modulus	D790	MPa.	2450
Izod Impact Strength Notched	D256	Kg Cm/ Cm	28
Heat Deflection Temp			
- at 4.6 Kg / Cm <sup>2</sup> load	D648	°C	101
- at 18.5 Kg / Cm <sup>2</sup> load	D648	°C	95
Specific Gravity	D792	-	1.04
Shrinkage	D955	%	0.4-0.6
Melt Flow Index	D1238	g/10mins	18

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

## FORMULATED POLYMERS LIMITED

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