

POPELEN V-431

PP BLOCK COPOLYMER

General Information

● Characteristics

Flame Retardant, Heat Resistance

● Applications

Home Electric Goods

Physical Properties¹

Physical	Test Method	Unit	Nominal Values
Melt Flow Index (230 °C)	ASTM D1238	g/10min	30.0
Density	ASTM D792	g/cm ³	1.02
Flammability	UL	-	V0
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	270
Elongation	ASTM D638	%	100
Flexural Modulus	ASTM D790	kgf/cm ²	15,000
Flexural Strength	ASTM D790	kgf/cm ²	-
IZOD Impact Strength (23 °C)	ASTM D256	kgf-cm/cm	7.0
IZOD Impact Strength (- 10 °C)	ASTM D256	kgf-cm/cm	4.0
Rockwell Hardness	ASTM D785	R	-
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	°C	115

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications