

# Eleme JPRG030

Polypropylene Homopolymer  
Eleme Petrochemical Company Ltd

Message:

HPRG030 Homopolymer Polypropylene Resin manufactured by IEPL using Spheripol process of Basell, Italy. It is a general purpose grade used for extrusion of raffia tape, monofilament, carpet, industrial packaging, geotextile and thermoforming applications requiring medium melt flow.

General Information			
Features	Homopolymer		
	Workability, good		
	Medium liquidity		
	The smell is low to none		
	Compliance of Food Exposure		
	General		
Uses	Packaging		
	Strap		
	Bags		
	monofilament		
	Rope		
	General		
Agency Ratings	FDA 21 CFR 177.1520		
	European 2002/72/EC		
Appearance	Natural color		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	45	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525

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#### Recommended distributors for this material

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