

Hanwha Total PP RS401

Polypropylene

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

RS401 is a propylene-ethylene copolymer used for flat boards, and stationery cases or boxes and packaging.

General Information			
Features	Good Processability		
	High Impact Resistance		
	Opticals		
	Random Copolymer		
	Soft		
Uses	Packaging		
	Sheet		
	Stationary Supplies		
	Video Tapes		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	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	135	°C	ASTM D1525
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	150 to 190	°C	
Cylinder Zone 2 Temp.	150 to 190	°C	
Cylinder Zone 3 Temp.	150 to 190	°C	
Cylinder Zone 4 Temp.	150 to 190	°C	
Cylinder Zone 5 Temp.	150 to 190	°C	

Adapter Temperature	180 to 220	°C
Die Temperature	180 to 220	°C

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

