

YUCLAIR® JK910

High Density Polyethylene
SK Global Chemical

Message:

YUCLAIR JK910 is high density polyethylene resins with high melt index of 20 g/10min. It offers good processability combined with good rigidity. This resin is particularly suitable for the application requiring good processability such as housewares, toys and sundry goods.

General Information			
Features	Good Processability		
	Medium Rigidity		
Uses	Appliances		
	Household Goods		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.961	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	25.5	MPa	
Break	4.90	MPa	
Tensile Elongation (Break)	220	%	ASTM D638
Flexural Modulus	902	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	123	°C	ASTM D1525

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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



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