

DynaMix™ 5530-14

Thermoplastic
Polymer Dynamix

Message:

Impact Modified Alloy
Features:
Good Impact Resistance
Excellent Processability
Good Dimensional Stability
Applications:
Consumer Goods
Industrial
Appliances

General Information			
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Processability		
Uses	Appliances		
	Consumer Applications		
	Industrial Applications		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	119	MPa	ASTM D638
Tensile Elongation (Break)	6.2	%	ASTM D638
Flexural Modulus	5860	MPa	ASTM D790
Flexural Strength	168	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	170	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	770	J/m	ASTM D256
Extrusion	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	3.0 to 5.0	hr	
Cylinder Zone 1 Temp.	238 to 254	°C	
Cylinder Zone 3 Temp.	246 to 260	°C	
Cylinder Zone 5 Temp.	254 to 266	°C	
Melt Temperature	254 to 271	°C	
Die Temperature	254 to 271	°C	

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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

