

# IROCOAT® CA-271

Thermoplastic Polyurethane Elastomer  
Huntsman Corporation

Message:

IROCOAT®CA-271 is a thermoplastic polyurethane elastomer product. It can be processed by coating and is available in North America. IROCOAT®CA-271 application areas include glue/gummed paper and coating applications.

Features include:

- Strong adhesion
- Good flexibility
- chemical resistance
- Hydrolytic stability

General Information			
Features	Flexibility at low temperatures		
	Dispersible		
	Good adhesion		
	Good chemical resistance		
	Hydrolysis resistance		
	Hydrolysis stability		
Uses	Tape		
	Coating application		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	77		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	42.1	MPa	ASTM D412
Tensile Strength (Yield)	55.2	MPa	ASTM D412
Tensile Elongation (Break)	230	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	53.0	°C	ASTM E1356
Additional Information			

Viscosity Range, 15 %: 250 to 400 cpsSolvent: THFFunctionalized: Yes

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