

Delrin® Stock Shapes 527UV

Acetal (POM) Homopolymer

Ensinger Inc.

Message:

THIS MATERIAL REPLACES DELRIN 507 WHICH HAS BEEN DISCONTINUED BY DuPont.

Delrin® 527UV BK701 is a black homopolymer acetal that has been enhanced with UV stabilizers. It is also available in natural on a custom run basis.

Developed by DuPont to replace Delrin® 507, this material is particularly suited to automotive and other outdoor applications. It exhibits improvements in UV aging characteristics and thermal stability.

DELIN® 527UV BK is typically used for applications exposed to the outdoors in such industries as electronics, communications, transportation, construction and marine.

General Information			
Additive	UV stabilizer		
Features	Homopolymer		
	Good UV resistance		
	Machinable		
	High hardness		
Uses	Ship application		
	Electrical/Electronic Applications		
	Architectural application field		
	Application in Automobile Field		
	Outdoor application		
	Communication application		
Appearance	Black		
	Natural color		
Forms	Shapes		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.14	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
Class m	92		ASTM D785
Class r	118		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2970	MPa	ASTM D638
Tensile Strength (Yield)	71.0	MPa	ASTM D638
Tensile Elongation (Break)	16	%	ASTM D638
Flexural Modulus	4030	MPa	ASTM D790
Flexural Strength	117	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	68	J/m	ASTM D256
Additional Information			

Data obtained from extruded shapes material.

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Recommended distributors for this material

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