

Zytel® RS LC2600 BK043A

RENEWABLY SOURCED™ POLYAMIDES*

DuPont Performance Polymers

Message:

Plasticized, Toughened, Renewably Sourced, Polyamide Developed for Extrusion

General Information			
Additive	Heat Stabilizer		
	Plasticizer		
Features	Heat Stabilized		
	Plasticized		
Uses	Profiles		
Forms	Pellets		
Processing Method	Extrusion		
	Profile Extrusion		
Part Marking Code (ISO 11469)	>PA-IP<		
Resin ID (ISO 1043)	PA-IP		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	960	MPa	ISO 527-2
Tensile Stress (Yield)	36.0	MPa	ISO 527-2
Tensile Strain (Yield)	30	%	ISO 527-2
Nominal Tensile Strain at Break	> 50	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	11	kJ/m ²	
23°C, Partial Break	65	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	43.0	°C	ISO 75-2/A
Melting Temperature ¹	220	°C	ISO 11357-3
NOTE			

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