

# AKROMID® B3 5 FR natural (3520)

Polyamide 6  
AKRO-PLASTIC GmbH

Message:

AKROMID® B3 5 FR natural (3520) is a nonreinforced, high temperature stabilised and halogen- free flame retardant polyamide 6 with light inherent color  
Application areas are housings, fasteners and cable connectors in the electro- and electronic industry

General Information			
Additive	Flame Retardant		
	Heat Stabilizer		
Features	Flame Retardant		
	Halogen Free		
	Heat Stabilized		
Uses	Connectors		
	Electrical/Electronic Applications		
	Fasteners		
	Housings		
Appearance	Natural Color		
Resin ID (ISO 1043)	PA6 FR		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3600	MPa	ISO 527-2/1
Tensile Stress (Yield)	75.0	MPa	ISO 527-2/50
Tensile Strain (Break)	> 10	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	No Break		
23°C	No Break		
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	V-2	UL 94	

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