

# PONYL 4009EPM15

Polyamide 6  
POLYROCKS CHEMICAL CO., LTD

Message:

PONYL 4009EPM15 is a polyamide 6 (nylon 6) product. It is available in the Asia-Pacific region. PONYL 4009EPM15 applications include construction applications and the automotive industry.

Features include:

- flame retardant/rated flame
- Flame Retardant
- environmental protection/green
- Corrosion resistance
- Good toughness

General Information	
Features	Low density
	Environmental protection
	Good electrical performance
	Good corrosion resistance
	Good toughness
	Halogen-free
	Excellent appearance
	Flame retardancy

Uses	Architectural application field
	Application in Automobile Field

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	63.0	MPa	ASTM D638
Tensile Elongation (Break)	13	%	ASTM D638
Flexural Modulus	3200	MPa	ASTM D790
Flexural Strength	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	75.0	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.50 mm	V-2	UL 94	

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#### Recommended distributors for this material

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