

# DINALON® PA 6 MOS2

Polyamide 6

Grupo Repol

## Message:

DINALON®PA 6 MOS2 is a polyamide 6 (nylon 6) product. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

Lubrication

General Information			
Additive	Molybdenum disulfide lubricant		
Features	Lubrication		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	2.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	68.0	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Flexural Strength	78.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	170	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Additional Information			
Glow Wire, UNE 20-672-83: 650°C Vicat Softening Temperature, ASTM D1525: >170°C DTUL, ASTM D648: 50°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	240	°C	
Mold Temperature	50.0	°C	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

