

# Sumiliteresin® PR-50590 BI

Phenolic  
SBHPP

Message:

SUMILITERESIN® PR-50590 BI is a non modified novolac type powder form phenolic resin with excellent grinding properties and processability. It is generally applied for bonding material of resinoid grinding wheels such as cutting, off set, etc.

Characteristics

SUMILITERESIN® PR-50590 BI is a powder form phenolic resin with good grinding properties and good processability in production of grinding wheels. It is designed for cold molding and semi-hot molding process.

SUMILITERESIN® PR-50590 BI has a middle flow type and hexamine contain about 11% and narrow particle size distribution. By using this resin, solubility and uniformity in grinding wheel which is bonded by this resin is excellent.

General Information		
Features	Workability, good	
	Medium liquidity	
Uses	Bonding	
Appearance	White	
	Yellow	
Forms	Powder	
Physical	Nominal Value	Unit
Flow Length (125°C)	2.20 - 3.20	cm
Sieve Analysis - 106µm		%
Thermal	Nominal Value	Unit
Melting Temperature	85.0 - 95.0	°C
Uncured Properties	Nominal Value	Unit
Gel Time (150°C)	1.3 - 2.2	min

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

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



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