

Sumiliteresin® PR-51820 I

Phenolic
SBHPP

Message:

SUMILITERESIN® PR-51820 I is a straight novolac phenolic resin 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-51820 I 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-51820 I is a short flow type and hexamine content about 7%. By using this resin, grinding wheel which is bonded has good self sharpening and high heat resistance.

General Information		
Features	Workability, good	
	Heat resistance, high	
Uses	Bonding	
Appearance	White	
	Yellow	
Forms	Powder	
Physical	Nominal Value	Unit
Flow Length (125°C)	2.30 - 2.80	cm
Sieve Analysis - 106µm		%
Thermal	Nominal Value	Unit
Melting Temperature	90.0 - 98.0	°C
Uncured Properties	Nominal Value	Unit
Gel Time (150°C)	1.7 - 2.3	min

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