

# Sumiliteresin® PR-1051 I

Phenolic  
SBHPP

## Message:

PR-1051 I is a High molecule novolak melamine modified phenolic resin powder. It is generally applied for friction especially for clutch facing.

Characteristics

SUMILITERESIN® PR-1051 I is powder novolak phenolic resin with melamine as modifier, have good friction properties, good process, and other merit in production of friction. It is including low hexamine that has high molecule number and hot molding and post curing process can be reduced. modified by middle melamine resin. It purpose to improve hardness and judder property in application of clutch facing.

General Information		
Features	Workability, good	
Appearance	White	
	Yellow	
Forms	Powder	
Physical	Nominal Value	Unit
Flow Length (125°C)	1.00 - 3.00	cm
Sieve Analysis - 150µm		%
Thermal	Nominal Value	Unit
Melting Temperature	93.0 - 113	°C
Uncured Properties	Nominal Value	Unit
Gel Time (150°C)	0.33 - 0.67	min

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