

Technical Data Sheet

Product Name: JC TAK PP

Chemical Composition: Mixture of natural resin with aliphatic hydrocarbon

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Blackish brown viscous liquid
2	Viscosity B Ford cup 4	Second	Min-1700 (at 27°C)
3	pH		9.5 ± 1.0
4	Volatile matter at 105°C for 1 hrs	%	0.5 Max

Advantages:

- ◆ Excellent tackifier & plasticizer.
- ◆ Excellent processability even at very high fillers loading
- ◆ Helps faster incorporation & better dispersion of fillers.
- ◆ Improves mechanical properties.

Standard Packing:

- ◆ **Shelf life:** 1 year from D.O.M
- ◆ **Storage:** Store in cool and dry place, strictly avoid moisture

Application: The product can be used in the production of technical rubber goods in cases where high building tack is needed in the production of technical rubber goods based on Natural and synthetic rubber. These include conveyor belting, V-belts, roll covers Hoses, and other built-up rubber articles. The product is also suitable for bonding compounds as it improves the rubber compound's initial tack, enhancing the ability of the bonding agent to bond with substrates. This is crucial for bonding rubber to material like textile fibers such as rayon, polyamide and polyester (with special spin finish), and brass- or zinc-plated steel cord can be bonded to rubber.

Recommendation additions (phr): 3 to 6 phr is needed for most Technical rubber good but can be added up-to 10phr based on requirement.

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