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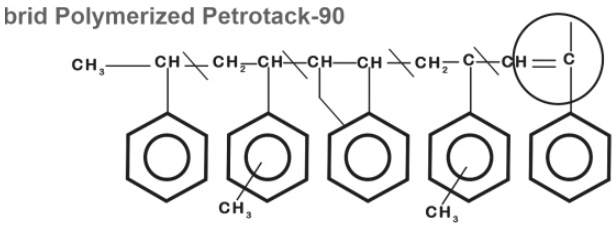
The Chemistry of Innovation

MADE IN JAPAN

PETROTACK-90

[Unique Blend of C-5 Aliphatic Resin 30% & C-9 Aromatic Resin 70%]
Manufactured in state of the art plant using a patented process



Structure of the Hybrid Polymerized Petrotack-90

Technical Specifications of Petrotack-90 - [C-5/C-9 Aliphatic/Aromatic Resin]:

Sr. No.	Parameter	Test Method	Value / Observation
1	Appearance	Visual	Pale Yellow / Transparent Beads
2	Softening Point (^{o}C)	JIS-K-2207 Ring & Ball	90^{o}C - 95^{o}C
3	Colour-Gardener	ASTM D-1544	6
4	Bromine No Br_2(g/100g)	-	35
5	C-5 Content (%)	H-NMR	30

Compatibility: NR, IR, SBR, SSBR, NBR, IIR, CR, CSM, EPDM & EVA.

Since a balance of Aliphaticity and Aromaticity is maintained in the Petrotack-90 C-5/C-9 Hydrocarbon Resin, the Hybrid Resin is compatible with Non-polar Elastomers like NR, SEBS Block Co-polymers Amorphous Polypropylene, Butyl Rubber, EPDM and also with Polar Elastomers like SBR block Co-polymers, NBR, Polychloroprene, CPW, EVA with High Vinyl Acetate (28%), Paints and concrete mixtures.

Silent Features:

Sr. No.	Silent Features
1	Both Aliphatic & Aromatic Resins are Co-Polymerized to give a single high performance Resin - **Petrotack-90**. Advantages of Aliphatic Hydrocarbon Resin & Aromatic Hydrocarbon Resin are derived which is not exhibited independently either by C-5 Aliphatic Resin or C-9 Aromatic Resin.
2	Due to presence of C-5, C-9 groups in main chain of Petrotack-90 – Solubility & Stability in Polar / Non Polar Elastomers is maintained.
3	Intrinsically enables to Shear Spread the softer segment of Elastomer to which **Petrotack-90** is added – under melt flow & simultaneously extends TACK by binding with stiffsegment – without Lesion of Elastomer Chain.
4	Does not interfere with Cure System of Compound.

Applications:

Sr. No.	Applications
1	Used to improve building tack of Rubber Compounds.
2	Used as process aid to reduce nerve of the compound and improve the Cohesiveness and Knitting of the Compound.
3	Used as Tackyfier in the Hot Melt and Pressure Sensitive Adhesives.

Packaging: 25Kg Paper Bag