AROMATIC AND ALIPHATIC
CO-POLYMERIZATION HYDROCARBON RESIN

PETROTACK – C5/C9

AROMATIC HYDROCARBON RESIN

PETCOAL – C9

CHARACTERISTICS

Petcoal are Unique High Performance Aromatic / Aliphatic Hydrocarbon Resin Devloped by TOSOH having Outstanding Properties which Exhibits Excellent Compatibility with Synthetic Rubbers, Solvents, Other Resins. They have good Thermal Stability and Wethering Property, Outstanding Resistance to Acids, Alkalis and Water, Fine Thermal Stability and Wethering Properties. Developed exclusively by TOSOH.

APPLICATIONS

- Petrotack gives Excellent Tack to Rubber Compounds.
- Petrotack helps to improve processability specially in functionalized SSBR compounds.

	Grade	Appearance	Softening point(°C)	Color Gardner	Bromine Number Br, g/100g	C5 content %	Applications
		Visual Examination	JIS K-2207 R&B	ASTM D-1544	ASTM D-1159	H-NMR	
PETROTACK (R) Co-polymer of	60	Pale yellow clear	72	7	50	70	Adhesives, Paper sizing agent
C-5/C-9	70	Pale yellow clear	70	7	45	50	
	90	Pale yellow clear	95	6	35	30	Adhesives- HM / PSA / PC Adhesives Pressure Sensitive Adhesives Rubber Processing Aid
	90V	Pale yellow clear	87	7	45	70	
	100V	Pale yellow clear	96	7	45	60	
PETCOAL(R) C-9	LX	Pale yellow clear	98	7	25	0	Adhesives, Rubber Processing Aid
	120	Pale yellow clear	120	7	25	0	Adhesives, Printing Ink, Paint
	140	Pale yellow clear	135	7	20	0	Adhesives, Printing Ink, Paint Asphalts Modification

Compatibility of Petrotack & Petcoal with Rubbers

Products	Petcoal LX C9	Petrotack 90 Co-polymer C5 & C9	Petrotack 100V Co-polymer of C5 & C9
1. IR / NR	C	C	C
2. **SBR / SSBR**	C	C	C
3. BUTYL	C	PC	C
4. BR	C	C	C
5 **NBR**	C	C	C
6. **CR / CSM**	C	C	C
7. SBS	C	PC	PC
8. SIS	C	PC	PC
9. SEBS	C	PC	PC
10. EPDM	PC	C	C

C: Compatible PC: Partially Compatible

TOSOH

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