

Hydrocarbon Resin / T-REZ[®]

T-REZ hydrocarbon resins are applicable for a wide range of fields, such as hot melt adhesive, tire, PSA tape, traffic paint and so on.

∨ [T-REZ H Series](#)

∨ [T-REZ R Series](#)

∨ [T-REZ Premium Series](#)

T-REZ H Series (Hydrogenated Hydrocarbon Resin)

T-REZ H Series are water white hydrogenated cycloaliphatic hydrocarbon resins. Those are designed to tackify a variety of adhesive polymers including EVA, SIS, SEBS, SBS, metallocene polyolefin elastomer, APP and APAO.

Grade map

T-REZ H Series			
Hydrogenated Hydrocarbon Resins			
S.P. (°C)			
130	HA125	HB125	
120			
110	HA105		HB103
100	HA103		
90	HA085		
80			
Resin Type	Hydrogenated DCPD	Hydrogenated DCPD/C9 (Low aromaticity)	Hydrogenated DCPD/C9 (High aromaticity)
Applications	Packaging HMA Disposable HMA	Packaging HMA	Disposable HMA Packaging HMA
Base Polymers	EVA, SIS, APAO Polyolefin elastomer	EVA, SIS, APAO Polyolefin elastomer	SBS, SBR, EVA

T-REZ R Series (Non-hydrogenated Hydrocarbon Resin)

T-REZ R Series resins are non-hydrogenated hydrocarbon resins. Those are designed to tackify a variety of adhesive polymers including natural rubber, SIS, SBS, EVA, metallocene polyolefin elastomer, APP, APAO, polyisoprene, polyisobutylene and butyl rubber.

Grade map

T-REZ R Series					
Non-hydrogenated Hydrocarbon Resins					
S.P. (°C)					
120			RC115		
110					RD104
100	RA100	RB100	RC100	RE100	
90		RB093	RC093		
Resin Type	C5 regular		C5 high compatibility	C5 acid modified	C5/C9
Applications	Tire	PSA tape	PSA tape HMA	Hot melt traffic paint	PSA tape HMA
Base Polymers	NR, IR Butyl rubber	NR, (SIS), IR Butyl rubber	NR, SIS, EVA Butyl rubber		NR, SIS, SBS SBR, EVA

T-REZ Premium Series (High Performance Hydrocarbon Resin)

T-REZ Premium Series are polymer modifier resins for improving specific plastics and rubber compounds.

Grade map

T-REZ Premium Series			
High Performance Hydrocarbon Resins			
S.P. (°C)			
140			OP501
130			
120			
110			
100	PR803		
90	PR801	PR802	
80			
Resin Type	Hydrogenated DCPD/C9	C5/C9	Hydrogenated DCPD
Applications	Tire Rubber Compounds	Tire Rubber Compounds	BOPP Film CPP Film
Base Polymers	SBR NR, IR, IIR	SBR NR, IR, IIR	PP PE