

CRAY VALLEY

Technical Data Sheet

Wingtack® STS

Aromatically Modified C-5 HYDROCARBON RESIN

DESCRIPTION

Wingtack® STS is a light colored, low odor aromatically modified resin with increased compatibility in butadiene-containing elastomers yielding increased tack and excellent peel and cohesive strength properties.

PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES

Designed to be compatible with more-polar elastomers, those containing butadiene as a primary component, as well as high VA EVA polymers.
SBC, SBS, SIBS, SIS compatibility

SUGGESTED APPLICATIONS

Hot melt adhesives (HMA)
Pressure sensitive adhesives (PSA)
Sealants & Caulks
Plastics & Rubber
Roofing

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Property	Test Method	Value	Unit
Appearance	Visual	Light yellow	-
Ash Content, wt.	TCV Method	<0.1	%
Color, Gardner, in 50% toluene	E-803	2.9	Gardner
Clarity	E-803a	96.1	%
Softening Point, R&B	E-950	94	°C
Specific Gravity @ 25 °C	ASTM D891	0.97	-
Tg (midpoint)	TCV Method	44	°C
Mn	TCV Method	1,000	g/mol
Mw	TCV Method	1,600	g/mol
EVA/Resin 1:1 Cloud Point	-	-	-
EVA (28% VA, 400 MFI)	TCV Method	79	°C
EVA (25% VA, 400 MFI)	TCV Method	<0	°C
EVA (18% VA, 500 MFI)	TCV Method	<10	°C

Regulatory Notice: Wingtack® STS may be permitted for use by one or more FDA regulations governing substances used in food-contact articles. Please contact your Technical Sales Representative to request a letter affirming the compliance to the regulation(s) that your application requires.



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