
Technical Data Sheet: **Wingtack[®] PLUS Flake**

AROMATICALLY MODIFIED C-5 HYDROCARBON RESIN

DESCRIPTION

Wingtack PLUS is a light yellow, aromatically modified resin that demonstrates outstanding rolling ball tack, and an excellent balance of peel and cohesive strength. It is further characterized by light color, low odor and volatility, low melt viscosity, low specific gravity, and very good viscosity and color stability at compounding temperatures.

PRODUCT HIGHLIGHTS

Compatible with a wide variety of elastomers, olefins, and waxes
Low color
Generally soluble in solvents having low to medium polarity

PERFORMANCE PROPERTIES

Elastomer Compatibility
EVA Compatibility
PSAs

Wingtack PLUS Flake TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light yellow flake
Ash Content, wt. %	0.0
Color, Gardner (solution in 50% toluene)	1.6
FTIR Ratio, Aromatic	0.20
FTIR Ratio, Olefinic	0.23
Mn, g/mol.	1,000
Mw, g/mol.	1,600
Softening Point, °C	96
Specific Gravity @ 25 °C	0.95
Tg (midpoint), °C	53
Tg (onset), °C	47
Heat Stability (10g for 5 hrs. at 177 °C)	
Aged Gardner Color	8
Skinning	0%
Weight Loss	1.5%

Disclaimer : These results obtained in our laboratory are given in good faith according to the method used and the samples checked. The values cannot be used to set specifications. They are indicated without Cray Valley's guarantee or liability. All given formulations are starting formulations and they are indicated without Cray Valley's guarantee or liability. They are based on our present technical knowledge and experience. They do not relieve processors of the responsibility of carrying out their own tests and experiments, because many factors that could influence the result may arise during processing and application; neither do they imply and legally binding assurance of certain properties or of suitability for a specific purpose. Any proprietary should be respected.

Shelf life : Wingtack resins are inert and stable. Their shelf life mainly depends on the storage conditions and end use. Their average shelf life is about 2 years. This average shelf life is given without Cray Valley's guarantee because Cray Valley does not control end uses and the storage conditions at customers.

Storage : all resins with a low softening point present a risk of solidifying, which increases in hot weather. Therefore for softening points of less or equal to 100 °C, we recommend : storage in a cool (25 °C max), ventilated area, out of the sunlight; do not stack pallets; avoid storage for prolonged period.