

Technical Data Sheet

10 January 2017

Thermoplastic Acrylic in Xylene

KUCRYL TPA 44X/58

Kucryl TPA 44X/58 is a thermoplastic acrylic which has been specifically designed for use in low cost, quick drying, general purpose thermoplastic coatings.

Kucryl TPA 44X/58 is tolerant to aliphatic solvents and provides quick drying coatings with good hardness and mar resistance.

Physical Characteristics			Solubility Characteristics *	
Parameter	Units	Limits	Solvent	Solubility
Non-Volatile Content	%	58 ± 2	White Spirits	Limited
Viscosity (25°C)	Gardner	Z4 – Z6	Aromatics	Soluble
Viscosity (25°C) *	Poise	100 - 150	Ketones	Soluble
Acid Value (on solids)	mg KOH/g	2 - 6	Esters	Soluble
Colour	APHA	< 250	Alkanes	Limited
Clarity	Nil	Clear	Alcohols	Limited
Specific Gravity (25°C) *	Nil	± 0.97	Kucryl TPA 44X/58 has limited compatibility with other film formers.	
Glass Transition Temp (Calc.) *	°C	± 44		

Note: Properties marked with an * are provided for information purposes only and do not form part of the product specification.

Areas of Use

Kucryl TPA 44X/58 is recommended as a component in the formulation of the following products:

- **Price sensitive interior and exterior thermoplastic coatings**

Application Methods

Kucryl TPA 44X/58 may be used in the formulation of spray applied coatings.

Packaging

Kucryl TPA 44X/58 is available in 190Kg net mild steel tight head drums. For alternative packaging requirements please contact our Sales Department

Storage Stability and Safety

Kucryl TPA 44X/58 is stable for a period of 12 months when stored in its' original container out of direct sunlight at temperatures not exceeding 25°C. This product contains xylene and, as such, special care in handling is required. Please refer to the MSDS and any local statutory requirements.

No warranty or guarantee, express or implied, is made regarding the performance or suitability in any product as the finished product formulation and/or manner of use are beyond our control.

KCMC are committed to improving all aspects of our product range through continued research and development. As such product composition and/or specifications may change without notice.