



Industrial Chemicals & Resins Co. LLC.

Thermoplastic Acrylic Resin

N-537 TPA

Xylene Soluble

Delivery Form:
60% in Xylene, 190 kg (Drums)

PRINCIPAL PROPERTIES:

High Viscosity with moderate Glass Transition Temperature
Very good physical drying
Very good Flexibility. Good Gloss and Gloss Retention
Very good adhesion on asphalt, concrete and stones
Non-yellowing with Good Abrasion Resistance
Very good Alkali and humidity resistance
Very good exterior and interior durability

APPLICATIONS:

Non-yellowing & Quick drying Premium Quality Decorative Enamels
Acrylic Top Coat for textured paints
Road Marking Paints
Alkali resistant Primers
Non-yellowing Industrial Quick Drying Enamels

CHARACTERISTICS:

Type of resin	Thermoplastic Acrylic
Solid content (% by wt)	60%± 2
Solvent	Xylene
Viscosity @ 25° C (Brookfield RVT)	150 – 200 Poise
Acid value (on solids)	5 - 10 mg KOH
Colour Gardner	1 max (delivery form)
Clarity	Excellent

SOLUBILITY:

Aliphatic Solvents	Limited
Aromatic Solvents	Soluble
Ketones	Soluble
Esters	Soluble
Alcohols	Limited

COMPATIBILITY:

Chlorinated Plasticizers	Compatible
DOP, DBP & other Phthalates	Compatible
Chlorinated Rubber	Compatible
Alkyd Resins	Very Limited
Vinyl Resins	Compatible

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