

General Description

ADDITOL® P 791 is a solid aliphatic polyanhydride hardener for use with solid acrylic resins containing glycidyl groups to manufacture powder coatings. The binder ratio is dependent on the equivalent weight of the glycidyl functional resin employed.

Polyanhydride Hardener

Product Specification

	Limits
Appearance	Pale granules
Acid value alcoholic (mg KOH/g)	310-325
Melting range (°C)	80-90
Color, b-value	Max. 15

Shelf Life

Under normal storage conditions ($\leq 25^{\circ}\text{C}$), the shelf life of the resin will be 12 months from date of manufacturing. For product older than 12 months, it is recommended to check the acid value and the viscosity every year.

Safety & Environmental Protection

For more information, please refer to the Material Safety Data Sheet.

July 2020 – Supersedes previous versions

Starting Formulation

Component	Weight (%)
ADDITOL® P 791	24.0
Acrylic Resin EEW (g/eq) 500 - 550	69.7
Flow Promoter	3.0
UV Stabilizer	1.5
UV Co-Stabilizer	1.5
Benzoin	0.3