

**HUNTSMAN**

Enriching lives through innovation

# Advanced Materials

## Powder additives



Environmental friendly coating solutions

## Crosslinkers • Araldite®

Product Range	Characteristics	Supply form	Epoxy index [Eq/kg]	Epoxy equiv. [g/Eq]	Melting temp. (DSC) [°C]	Applications
Araldite® PT 710	TGIC	pellets (dust free)	8.80-9.80	102-114	84-98	Powder Coatings
Araldite® PT 810	TGIC	pellets (dust free)	9.30-10.00	100-108	88-98	Powder Coatings
Araldite® PT 910	Glycidylester (TGIC free)	granulate	6.50-7.10	141-154	90-102	Powder Coatings
Araldite® PT 912	Glycidylester (TGIC free)	granulate	6.50-7.10	141-154	82-96	Powder Coatings

## Matting Agents

Product Range	Supply form	Softening point [°C]	Acid value [mg KOH/g]	Applications
DT® 125-2	Fine powder	59-71 <sup>1)</sup>	-	Powder Coatings
DT® 3329-1	Coarse powder (< 4mm)	109-117 <sup>2)</sup>	-	Powder Coatings
DT® 3330	Fine powder	120-140 <sup>2)</sup>	-	Powder Coatings
DT® 3357	Fine powder	177-180 <sup>1)</sup>	561-595	Powder Coatings
DT® 3360	Fine powder	120-135 <sup>2)</sup>	-	Powder Coatings

<sup>1)</sup> ISO 11357-3 • <sup>2)</sup> DIN 51920

## Curing Agents • Aradur®

Product Range	Characteristics	Supply form	Mettler soft. point [°C]	Viscosity <sup>1)</sup> 25°C [mPa s]	H+ activ equiv. [g/Eq]	Colour <sup>1)</sup> (Gardner)	Applications
Aradur® 835	Solid isolated aliphatic polyamine adduct	Flakes	-	600-1 200 <sup>2)</sup>	~ 200	≤ 5	Powder Coatings
Aradur® 2844	Dicyandiamide derivative	Powder	<sup>3)</sup>	-	-	-	Powder Coatings
Aradur® 3082	Phenolic hardener	Granulate	73-83	240-290	230-250	≤ 1	Powder Coatings
Aradur® 3380-1	Modified anhydride hardener	Granulate	95-110	-	-	≤ 8	Powder Coatings
Hardener® XB 3086	Highly accelerated phenolic hardener	Granulate	84-94	250-350	-	≤ 8	Powder Coatings
Hardener® XB 3123	Hetrocyclic amine	Powder	180-250	-	-	-	Powder Coatings

<sup>1)</sup> 40% solution in butylcarbitol • <sup>2)</sup> 30% in xylene/butanol (1:1) • <sup>3)</sup> Melting point (DSC) = 139-143 °C

## Accelerator

Product Range	Supply form	Softening point <sup>1)</sup> [°C]	Applications
Acc. DT® 3126-2	Fine powder (< 300 µ)	100-110	Powder Coatings

<sup>1)</sup> ASTM-3461

**Safety and handling precautions :** The Material Safety Data Sheet (MSDS) should be consulted prior to handling any of here listed products.

**Note :** With which solid epoxy resins these powder additives can be used, you may verify with the Resins Selector Guide.

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