

## K45320 YInMn-Blue

**Identity:**

Chemical Name:	Indium Manganese Yttrium Oxide
Color Index:	C.I. Pigment Blue 86
CAS No.:	1239902-45-4

This chemistry has a Low Volume Exemption from the US EPA TSCA Inventory for the use only in industrial coatings and plastics. Global restrictions and regulatory requirements on other applications may apply.

**Description:**

YInMn-Blue is a high temperature calcined pigment based on yttrium, indium and manganese. It has a bright red-shade blue masstone, and high tint strength with excellent UV and visible opacity. It has excellent infrared reflective properties. It has a low oil absorption and resin demand for easy incorporation and high pigment loadings.

**Typical Data:**

Spezific Gravity:	5.90
Bulk Density:	1.1 kg/l
Moisture:	0.2 wt.-%
Conductivity:	16 $\mu$ S/cm
Oil Absorption:	9 parts oil/100 parts pigment
pH Value:	7.2
Mean Particle Size:	1.3 $\mu$ m
Residue 325 Mesh:	0.1 wt.-%

**Fastness:**

Heat stability:	800°C / 1500°F
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