



Technical Data Sheet

Version 1

Pigment paste «Polymer O.2»

Technical conditions 2463-010-49630959-05

Purpose	For tinting polymer materials.	
Materials for tinting	1- and 2-component polyurethane systems (lacquers, paints, monolithic and foamed polymer materials), pentaphthalic (PPH), nitrocellulose (CN), epoxy (EP), silicone (KO), chlorovinyl, artificial leather, rubber products, translucent films. It is possible to use for tinting children's toys, films for food packaging after sanitary epidemiological examination of finished products. Compatibility testing is required when tinting: polymethyl methacrylates, epoxy resins, pentaphthalic, perchlorovinyl, alkyd-urethane materials, gelcoats.	
Composition	Pigment; plasticizer; functional additives.	
Colors	Basic colors: PO.X.672.2, lemon PO.ANP.630.2, yellow NP PO.ONP.631.2, orange NP PO.AL.602.2, yellow oxide PO.ATK.624.2, golden concentrated PO.O.613.2, orange PO.QNM.626.2, red NM PO.QS.675.2, red light-resistant PO.QL.619.2, red oxide PO.P.615.2, purple PO.QM.617.2, crimson	PO.UK.685.2, ultramarine concentrated PO.N.612.2, violet PO.ER.609.2, blue R PO.D.607.2, green PO.B.605.2, black PO.BKS.671.2, black super-concentrated PO.Gr.673.2, grey PO.K.610.2, white PO.Q.618.2, red PO.A.601.2, yellow PO.ANM.625.2, yellow NM PO.EG.608.2, blue G PO.BK.606.2, black concentrated
It is possible to make any colors by the RAL, NCS, Pantone catalogs or a customer's sample. "Polymer O" is suitable to use in the tinting system.		
Package	Metal can V = 1L, 5L, 20L	

Technical specifications

Exterior	Viscous or liquid colored opaque mass
Brookfield Viscosity, cps shp.5, V = 100 r/min, 25 °C	1000-4000*
Grinding, mkm	Not more 20
Density at 20°C, g/cm ³	1,03-2,3

* - by the customer request pastes can be made with a higher viscosity.

Storage conditions	Store in tightly closed containers, away from heaters and direct sunlight, at the temperatures from -40 to +40 °C.
Warranty shelf life	In unopened manufacturer's container 60 months from the date of manufacture.
Transportation	All types of transport in conditions that exclude the influence of atmospheric factors (covered wagons, wagons, etc.) at temperatures from -40 to +40 °C.
Recycling	Containers and unused residues of the paste should be disposed with using specialized waste disposal enterprises.
Safety	Pastes are fire resistant. Use personal protective equipment for hands and respiratory system. Work should be carried out in a well-ventilated area. When using products do not smoke, do not drink, do not eat. After contact with skin and eyes, wash with plenty of water. After the end of work, the container and tool should be wiped off with a dry cloth and rinsed with soap and water or use solvent for the polymer material. Keep out of the reach of children. Avoid getting into the aquatic environment and soil.
Documents	Certificate of state registration No. RU.18.UC.04.008.E.000011.02.14 of 04.02.2014.

All information is correct on the day of publication. Published technical data and instructions may be changed without prior warning.