

PRODUCT DATA –

**polyethylene compounds for
pipe & striping applications**



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Guilda Pty Ltd, is a leading Australian manufacturer of quality polyethylene masterbatches and specialty compounds. With a reputation of providing value and performance in all of our products, we take pleasure in offering the pipe extrusion industry a full range of pipe and striping compounds.

These products are listed on the Approved Compound List of PIPA and fully meet the requirements of AS/NZS 4130.

Microspere products from Guilda offer a high level of mechanical strength and possess excellent stress crack resistance properties. The compounds contain UV and Antioxidant additives and utilise a quality high density polyethylene resin base.

Independent testing and certification of these Polysperse compounds has led to their inclusion as Approved Compounds in PIPA's POP004 reference document.

In addition to the PIPA approved compounds we also offer Microspere compounds suitable for use in pressure pipe applications for the transfer of air at high pressure.

Our Quality

In order to achieve the objective of supplying the market with quality compounds in a timely manner and to the agreed specification we have established and maintain an effective quality system, suitable to meet your needs. The quality assurance program of Guilda Pty Ltd is based upon the requirements of Australian Standards AS/NZS ISO 9001:2000 "Quality Management Systems Of Requirements".

PRODUCT CODE	COLOUR NAME	ADDITION RATE	DESCRIPTION	PIGMENT CONTENT	PROPERTIES	PACKAGING
CP050624A	PE100 Blue Compound	100.0%	This coloured compound contains UV and Antioxidant additives and is based on a resin which is a high density polyethylene designed as a general purpose resin for use in pipe and striping application, it posses excellent stress cracking resistance and outstanding mechanical strength.	0.46%	Granules Heat Stability Light Fastness Melt Flow Rate Density Tensile Strength At Break Flexural Modulus Oxidation Induction Time (OIT)	Strand cut (ø 3mm Approx 280°C (pigments only) 7-8 (Blue Wool Scale) 0.04 (ASRM D1238, rein only) 0.96 g/cm3 34 Mpa (resin only) 1000 Mpa (resin only) >40 min (ASTM 3895)
CP070315GR	PE100 Green Compound			0.56%		
CP070314PU	PE100 Purple Compound			0.70%		
CP070522WH	PE100 White Compound			1.53%		
CP071015YE	PE100 Yellow Compound			1.60%		



Blue Compound



Green Compound



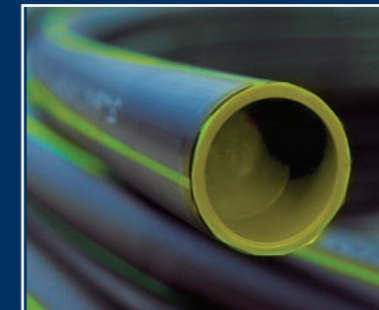
Purple Compound



White Compound



Yellow Compound



These compounds meet with the AS/NZS 4130 standard and is on the Approved Compound List of PIPA.