



TECHNICAL DATA SHEET (TDS)

Additive 93224



Introduction	
<p>d2w grade 93224 is an oxo-biodegradable additive based on a polyethylene carrier resin and is suitable for use in blown where product clarity is not an important consideration. Typical applications include carrier bags, retail bags, refuse sacks/liners etc.</p>	
Physical Properties ¹	
Carrier Resin	Polyethylene
Appearance	Beige pellet
Melt Index (190/2.16kg : g/10min)	20
Specific Gravity (g/cm ³)	1.9
Bulk Density (g/l)	800
Moisture Content (ppm)	<2000
Processing Information	
<p>The material is suitable for conversion on conventional processing equipment by the following manufacturing routes.</p> <p>Blown Film 10-60 µm</p> <p>The product is not recommended for conversion at temperatures above 220°C or in process involving secondary heat processes e.g. shrink film.</p>	
Storage	
<p>93224 is supplied in 25kg opaque printed white polyethylene sacks on pallets of 1000kg. Pallets are IPSM 15 compliant. The product should be stored in cool dry conditions away from strong sources of light and heat. Storage temperatures should not exceed 30C. Under normal storage conditions the product has a shelf life of 18 months from the date of manufacture which is printed on the sack. Part used bags should be discarded.</p>	
Food contact status	
<p>EC 93224 complies with EU Regulation 1935/2004/EC and EU Regulation 10/2011/EC and its amendments (related to plastic materials intended to come into contact with foodstuffs) subject to any restrictions imposed by specific migration limits.</p> <p>FDA The polymers and additives used in the composition of 93224 appear in the regulations published by the Food and Drug Administration (USA): CFR Chapter 21 sections 175.300, 177.1520, 178.2010 and 184.1409 and are therefore suitable for use in food contact applications subject to any restrictions described in the regulations.</p> <p>Please contact our technical office for further information on food contact.</p>	
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¹ These are typical properties and should not be regarded as a sales or technical specification.