



TECHNICAL DATA SHEET (TDS)

Additive 93389/C



Version 2.1, 04/04/2017

Introduction	
<p>d2w™ grade 93389/C is an oxo-biodegradable additive based on a polyethylene carrier resin formulated for demanding processing application requiring a high degree of thermal stability. The product is particularly suitable for applications requiring good clarity and subject to high processing temperatures or secondary conversion steps. Typical applications include Shrink-wrap, Bubble-wrap, Magazine mailing film, frozen food film etc.</p>	
Physical Properties ¹	
Carrier Resin	Polyethylene
Appearance	Light brown pellet
Melt Index (190/2.16kg : g/10min)	5.5-7
Specific Gravity (g/cm ³)	0.925
Bulk Density (g/l)	500-600
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 15-500 µm Cast Film 50-500 µm Injection Moulding</p> <p>The product is not recommended for conversion at temperatures above 240°C.</p>	
Storage	
<p>93389/C is supplied in 25kg opaque polyethylene sacks on pallets of 1000kg. Pallets are IPSM 15 compliant.</p> <p>The product should be stored in cool dry conditions away from strong sources of light and heat. Storage temperatures should not exceed 30°C. 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 93389/C 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 d2w 93389/C appear in the regulations published by the Food and Drug Administration (USA): CFR Chapter 21 sections 175.300, 177.1520, 178.2010 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.

