



# TECHNICAL DATA SHEET (TDS)

## Additive **93190/C**



### Introduction

d2w grade 93190/C is a high clarity oxo-biodegradable additive based on a polypropylene carrier resin and is suitable for use in blown, cast and BOPP film applications where product clarity is an important consideration. Typical applications include high clarity films for food and non food packaging.

### Physical Properties<sup>1</sup>

Carrier Resin	<b>Polypropylene</b>
Appearance	<b>Light brown pellet</b>
Melt Index (190/2.16kg : g/10min)	<b>5</b>
Specific Gravity (g/cm <sup>3</sup> )	<b>0.905</b>
Bulk Density (g/l)	<b>550</b>
Moisture Content (ppm)	<b>&lt;2000</b>

### Processing Information

The material is suitable for conversion on conventional polypropylene blown and cast film processing equipment.

### Storage

93190/C is supplied in 25kg opaque 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 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.

### Food contact status

#### EC

93190/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.

#### FDA

The polymers and additives used in the composition of d2w™ 93190/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. Please contact our technical office for further information on food contact.

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<sup>1</sup> These are typical properties and should not be regarded as a sales or technical specification.