

CLARUS 770 Fine shrink films

Important product informations

Material

CLARUS 770 is a tear resistant, transparent and biaxial oriented polyolefin shrink material with superb shrink properties and an absolute harmless material. The **CLARUS 770** fine shrink film is suited for direct contact with food and is categorized with recycling code PE-04.

Applications

CLARUS 770 fine shrink film can be applied in all cases where high quality optics, secure tear resistance and promoting are requirements for packaging. The sealings are highly stressable and the film is distinguished by a homogeneous sophisticated biaxial shrink value of 50% which makes the **CLARUS 770** shrink film suitable for the vast majority of packaging applications.

Sealings properties

CLARUS 770 fine shrink film is developed for a tough sealing of long duration. This high-tech type of film is non-corrosive to the sealing devices and other parts of the applied packaging machinery by which repair and spare part costs are reduced to a minimum. An electrostatic sealing is possible without problems.

Shrink properties

CLARUS 770 can be used in a broad scan of temperatures due to the sophisticated biaxial shrink value of 50% and is perfectly suited for products with high demands to the shrink film.

Technical data for CLARUS 770 fine shrink films

Property	Unit	Test method	Typical values		
Film thickness	µm		15	19	25
Spec. weight (density)	g/cm ³		0,923	0,923	0,923
Gloss (45°)	%	ASTM D 1505	90	90	90
Shrink value, biaxial	%	ASTM D 2732	50	50	50
E-modulus	N/mm ²		524	553	612
Tear strength	9	ASTM D 1922	45	53	64
Tensile strength	N/mm ²	ASTM D 882	107	121	138
Haze	%		2-3		
Water permeability	g/m ² /24h	ASTM E 96	22	20	17
Oxygen permeability	cm ³ /m ² /24h	ASTM D 1434	8900	8250	7400

For technical questions and individuell tests our highly skilled technical assistants can visit you directly. Please do not hesitate to contact us so that also your products will be promoted sophisticated with **CLARUS 770** fine shrink films and your sales success increases remarkably.



EIN UNTERNEHMEN DER CLARUS GROUP

Philipp-Reis-Straße 22 · 63128 Dietzenbach-Steinberg

Telefon (0 60 74) 82 10 - 0 · Telefax (0 60 74) 82 10 - 55