



Polyolefin shrinkfilms with 35% PCR content

Build on the proven properties of the **MO1**, the **MO1eco+35** also offers a **high shrink rate** combined with **exceptionally strong shrink tension**. This powerful combination makes it an ideal solution for most shrink packaging applications. With 35% post-consumer recycled (PCR) content, it makes a significant contribution to promote the **circular economy** and reduce the use of fossil resources.



Applications

Sales and transport packaging, product protection and food packaging



Characteristics

puncture resistance	_____	7/10
shrink rate	_____	8/10
shrinking strength	_____	8/10
transparency	_____	10/10
sliding properties	_____	4/10

Technical data

	Unit	Typical value				Test method	
Properties							
Thickness	µm	12,5	15	19	25	ASTM D-374(C)	
Density	g/cm ³	0,922					
Yield	m ² /kg	86,8	72,3	57,1	43,4		
Length							
Flat film	m	3.200	2.665	2.135	1.600		
Semi-tubular film	m	1.600	1.332	1.067	800		
Width							
Flat film	mm	On order (130–2.000 mm)					
Semi-tubular film	mm	On order (130–1.200 mm)					
Roller core diameter	mm	76 mm					
Mechanical properties							
Tear resistance	N/mm ²	110/110	110/105	105/105	100/100	ASTM D-882	
Tear elongation	%	95/95	105/105	105/105	115/115	ASTM D-882	
Tear resistance	g/cm ³	11,2	14,3	18,5	23,6	ASTM D-1922	
Soling seam strength	180°CN/15 mm	14,2	16,3	20,9	25,7	ASTM F-88	
Free shrinkage (120–140°)	%	60/63	58/60	58/61	57/60	ASTM D-2732	
Water vapor permeability	g/m ² /24h	43,8	36,7	26,7	22,4	ASTM F-1249-90	
Friction coefficient	Foil on foil	0,16	0,15	0,13	0,15	ASTM D-1894	
Optical properties							
Turbidity	%	1,4	1,6	2,1	2,6	ASTM D-1003	
Gloss	Gloss units	135	140	142	140	ASTM D-2457	

Certificates

DEKRA: food safety/hazardous substance analyses

Bureau Veritas: Global Recycled Standard 4.0/conformity of production and traceability of plastics with recycled content

interzero: Made for Recycling/Assessment of the recyclability of plastics

Printing

Up to 8 colours (flexography)

Perforation

Available pre-perforated (partially or fully perforated) or unperforated

Shipping method

Winded on papercores (inner diameter 76 mm), packed in cardboard boxes.



Do you have any questions about products or delivery times, or would you simply like **detailed advice?**

We will gladly assist you in finding the ideal film.

☎ **+49 (0)7123 9746-0**

✉ **info@mopack.de**

mopack GmbH
Vogelsangstraße 26
72581 Dettingen an der Erms
Germany
mopack.de