

# R-DSC-EE

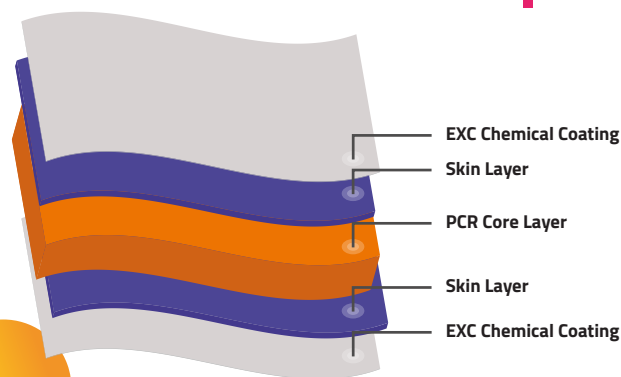
## BOTH SIDES COATED-DIRECT EXTRUSION W/ PCR

R-DSC-EE is a transparent BOPET film produced with PCR content. Both sides of the film are EXC Chemical coated to provide modified functional surfaces. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

### KEY FEATURES:

- High clarity
- No solvent emissions or residuals during extrusion coating
- Excellent machinability & handling properties
- No additional priming needed prior to extrusion
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

## FILM STRUCTURE



### APPLICATION:

- Conversion & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures
- Specially designed for direct extruded polyethylene adhesion without the need for primer

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	23	36	50
			(Gauge)	40	48	92	144	200
YIELD		Internal	m <sup>2</sup> / kg	71.42	59.52	31.05	19.84	14.28
			in <sup>2</sup> /lb	50318	41934	21876	13978	10060
SURFACE TENSION (min) (EXC Chemical Coated surface)		ASTM D-2578	dyne/cm	38				
COF (max) (One side to the other)		ASTM D-1894	-	0.35	0.35	0.40	0.40	0.40
HAZE (max)		ASTM D-1003	%	3.5	3.5	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			80	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	50	45	30	20	16
			(gm/100 in <sup>2</sup> /day)	3.2	2.9	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	155	130	80	70	45
			(cc/100 in <sup>2</sup> /day)	10.1	8.5	5.2	4.5	2.9

### STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

### FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

### DISCLAIMER

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**Selexible**

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