

BOX GRADE (RFBC)

Description:

RFBC is boxlid grade of Rigid PVC Film . It has excellent forming and folding characteristics and is suitable for all kinds of packaging boxes

Features:

Excellent flexural resistant

Excellent impact resistance

High Level of transparency

Non-whitening folding

Suitable for laminating

Suitable for printing

Very light flow mark



Technical Data :

PHYSICAL PROPERTIES	UNIT	TESTING METHOD	TYPICAL VALUES
Thickness	mm	RPC-001	0.15~0.50
Color		RPC-006	Transparent/Color
Gloss Value		ASTM D523 at 60°	150±10/85min.
Contamination	pc/m ²	RPC-012	5 max.
Specific Gravity	g/cm ³	ASTM D792	1.35±0.05
Tensile Strength	psi	ASTM D882	6000 min.
Elongation	%	ASTM D882	80 min.
Thickness Tolerance	%	RPC-001	0.2 ↓ : ±5, 0.21~0.50: ±4

Width Tolerance	mm	RPC-001	± 2 (roll), ± 1 (square cut)			
Impact Strength			General Impact/Middle Impact/High Impact/Very High Impact			
Heat Distortion Temp.	°C	ASTM D648	68 \pm 2			
Low Temp. Impact	°C	ASTM D1790	-10, -20, -30, -40			
Dart Drop Impact	in-lb/mil.	ASTM D5420	1.5	2.0	3.0	4.0
Izod Impact	ft-lb/in of notch 1/8"	ASTM D256	1.2	3.0	8.0	12

Special request:						
Product Code	Application	Description	Ability			
			mm	Low Temp Impact	Sheet	Roll
RLWC	Non whitening folding	Folding without white	0.15-0.50	0~ -25°C	○	○
RFBC	Very Hight Impact-resistant	Folding with heat	0.15-0.50	0~ -40°C	○	○
RSGC	High Gloss	High gloss, very light flow mark and suitable for printing	0.15-0.50	0~ -40°C	○	○
RSDC	Super Denesting	Good denesting and suitable for printing	0.15-0.50	0~ -40°C	×	○

RGAC	Super Denesting, GV Control	Good denesting and suitable for printing GV control 135 ± 5	0.15-0. 50	0~ -40°C	○	○
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