

RESOLVE PLASTIC POLLUTION WITH OBP & PCR PLASTIC



CERTIFIED rPP IN CUSTOMIZED COLOR ENGINEERED FOR SPECIFIC FUNCTIONALITY

PROPERTY	TEST METHOD UNIT	PP NATURAL 0287	PP NATURAL 9014	PP NATURAL 8912	PP NATURAL 0250
MFI	ASTM D1238 g/10min	1-5	10-15	15-20	20-30
DENSITY	ASTM D792 g/cm ³	<0.97	<1	<1	<0.93
TENSILE STRENGTH	ASTM D638 Kg/cm ²	>250	>230	>200	>230
ELONGATION	ASTM D638 %	>35	>10	>20	>15
IZOD IMPACT ENERGY	ASTM D256 Kg-cm/cm	>5	>2.8	>7	>2.6
FLEXURAL MODULUS	ASTM D790 Kg/cm ²	>11,000	>10,000	>9,000	>13,000
APPLICATION		Industrial	Personal Care	Furniture	Agriculture

PROPERTY	TEST METHOD UNIT	PP NATURAL 9104	PP NATURAL 0251	PP NATURAL 0305	PP NATURAL 0306
MFI	ASTM D1238 g/10min	27-33	30-40	45-55	80-90
DENSITY	ASTM D792 g/cm ³	<1	<0.95	<0.93	<0.93
TENSILE STRENGTH	ASTM D638 Kg/cm ²	180-200	>230	>250	>250
ELONGATION	ASTM D638 %	6.5-15	>15	>10	>10
IZOD IMPACT ENERGY	ASTM D256 Kg-cm/cm	7-8.5	>2.6	>2	>2
FLEXURAL MODULUS	ASTM D790 Kg/cm ²	10,000-13,000	>12,000	>13,000	>13,000
APPLICATION		Nursery	Stationery	Automotive	Automotive



HENG HIAP INDUSTRIES SDN BHD (571433-U)

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CERTIFIED rPE IN CUSTOMIZED COLOR ENGINEERED FOR SPECIFIC FUNCTIONALITY

PROPERTY	TEST METHOD UNIT	HDPE BLOW NATURAL 8655	HDPE NATURAL 0301	HDPE NATURAL BLOW FILM 0167	LDPE NATURAL BLOW FILM 0290
MFI	ASTM D1238 g/10min	0.8-1.8	<1.5	<1	0.6 - 1.5
DENSITY	ASTM D792 g/cm ³	<0.98	<1	<1	<0.97
TENSILE STRENGTH	ASTM D638 Kg/cm ²	≥230	> 230	<120	>100
ELONGATION	ASTM D638 %	N/A	> 30	>100	>150
IZOD IMPACT ENERGY	ASTM D256 Kg-cm/cm	≥10	>20	<50	>20
FLEXURAL MODULUS	ASTM D790 Kg/cm ²	>10,000	> 10,000	>4,500	>1,300
APPLICATION		Pipe	Tube	Packaging Bag	Packaging Bag

PROPERTY	TEST METHOD UNIT	LDPE NATURAL 0132	LDPE NATURAL 0271 B	LLDPE NATURAL 0209	LLDPE NATURAL 0308
MFI	ASTM D1238 g/10min	<2	4 - 6	0.9-1.4	1.8-2.8
DENSITY	ASTM D792 g/cm ³	≤0.97	< 0.95	<0.97	<0.97
TENSILE STRENGTH	ASTM D638 Kg/cm ²	> 100	>90	>100	>100
ELONGATION	ASTM D638 %	> 130	>50	>150	>150
IZOD IMPACT ENERGY	ASTM D256 Kg-cm/cm	≥ 20	≥ 20	≥ 20	≥ 20
FLEXURAL MODULUS	ASTM D790 Kg/cm ²	> 1,300	>2,000	>1, 300	>1, 300
APPLICATION		Tube	Can Lid	Packaging Film	Packaging Film



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**WE PRODUCED
CERTIFIED PCR rPP
IN CUSTOMIZED COLOR**

PROPERTY	TEST METHOD UNIT	PP COLOR 9082
MFI	ASTM D1238 g/10min	15-20
DENSITY	ASTM D792 g/cm ³	<0.98
TENSILE STRENGTH	ASTM D638 Kgf/cm ²	235-275
ELONGATION	ASTM D638 %	>30
IZOD IMPACT ENERGY	ASTM D256 Kg-cm/cm	>6.5
FLEXURAL MODULUS	ASTM D790 Kgf/cm ²	>13,500



**WE PRODUCED
CERTIFIED PCR rPP
ENGINEERED FOR
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PROPERTY	TEST METHOD UNIT	PP WHITE 8208F
MFI	ASTM D1238 g/10min	16-22
DENSITY	ASTM D792 g/cm ³	<1.1
TENSILE STRENGTH	ASTM D638 Kgf/cm ²	>180
ELONGATION	ASTM D638 %	>20
IZOD IMPACT ENERGY	ASTM D256 Kg-cm/cm	10-15
FLEXURAL MODULUS	ASTM D790 Kgf/cm ²	>10,000



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