

PCR PP Ploypoy®

Topcentral® PCR Systematic Innovation Solution

Product Introduction

Recycled Polypropylene (Ploypoy® rPP) was produced through recycling post-consumer products, pretreatment, standardized granulation and other technological processes. According to different recycling sources and quality grades, special classification method, technological innovation and high-quality automatic processing were applied to produce high products extrusion grade, injection molding grade and blow molding grade. rPP particles can be provided the colors include but not limited to natural color, black and white, which can meet the different application needs of customers. We also can provide all-round customized system solutions and innovative solutions according to the special requirements of customers.

Ploypoy® rPP General Series

rPP-W120A/rPP-W160A/rPP-W110TA/rPP-W115TA/rPP-W120TA/rPP-W130TA

Source



Appearance and typical values

Appearance



Product typical performance

MFR 1-60 g/10min

Impact

3rd Certification/Regulation and application

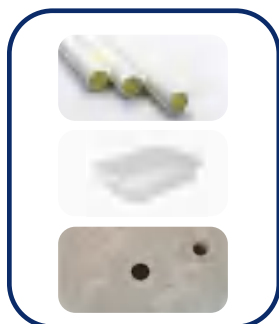
Certification

GRS/ISCC PLUS/UL 2809
RHOS/REACH

Typical application

Compounding
Injection

Source



Appearance and typical values

Appearance



Product typical performance

rPP-N180R MFR 3~8 g/10min
rPP-W110XR MFR 7~13 g/10min
rPP-W120XR MFR 20~40 g/10min

3rd Certification/Regulation and application

Certification

GRS/ISCC PLUS/UL 2809
RHOS/REACH

Typical application

Compounding
Injection

Source



Appearance and typical values

Appearance



Product typical performance

rPP-T130TA MFR 30~60 g/10min $T\%(1mm) \geq 85\%$

3rd Certification/Regulation and application

Certification

GRS/ISCC PLUS/UL 2809
RHOS/REACH

Typical application

Compounding
Injection



Ploypoy® rPP Product

Typical Grade	MFI g/10min	Tensile Strength MPa	IZOD Notched Impact Strength KJ/m ²	Appearance	Certification	Application
rPP-W120A	1-4	≥20	≥5	Natural Color	GRS/ISCCPLUS	Blow molding Extrusion
rPP-W160A	4-8	≥20	≥5	Natural Color	GRS/ISCCPLUS	Injection Compounding
rPP-W110TA	7-13	≥25	≥4	Natural Color	GRS/ISCCPLUS	Injection Compounding
rPP-W115TA	12-18	≥20	≥3	Natural Color	GRS/ISCC PLUS	Injection Compounding
rPP-W120TA	20-30	≥20	≥3	Natural Color	GRS/ISCC PLUS	Injection Compounding
rPP-W130TA	30-60	≥20	≥3	Natural Color	GRS/ISCC PLUS	Injection Compounding

Typical Grade	MFI g/10min	Tensile Strength MPa	IZOD Notched Impact Strength KJ/m ²	Appearance	Certification	Application
rPP-N180R	3-8	≥20	≥30	Natural Color	GRS/ISCC PLUS	Injection Compounding
rPP-W110XR	7-13	≥20	≥7	Natural Color	GRS/ISCC PLUS	Injection Compounding
rPP-W120X	20-40	≥25	≥6	Natural Color	GRS/ISCC PLUS	Injection Compounding

Typical Grade	MFI g/10min	Tensile Strength MPa	IZOD Notched Impact Strength KJ/m ²	Appearance	Certification	Application
rPP-W115TAH	12-20	≥25	≥2.5	Transparent	GRS/ISCC PLUS	Injection Compounding
rPP-T130TA	20-40	≥25	≥2	Transparent	GRS/ISCC PLUS	Injection Compounding

Typical Grade	MFI g/10min	Tensile Strength MPa	IZOD Notched Impact Strength KJ/m ²	Appearance	Certification	Application
rPP-B120P	3-8	≥20	≥30	Customer Specified	GRS/ISCC PLUS/UL OBP	Injection Compounding
rPP-BP26	7-13	≥20	≥7	Customer Specified	GRS/ISCC PLUS/UL OBP	Injection Compounding
rPP-Ocean78A	20-40	≥20	≥6	Customer Specified	GRS/ISCC PLUS/SCS Global OP	Injection Compounding