



# PETRONAS PROPELINAS HOMOPOLYMER PP

PETRONAS CHEMICALS GROUP BERHAD  
CHEMISTRY FOR GROWTH



# PETRONAS PROPELINAS HOMOPOLYMER PP

is produced using the latest generation Spheripol and Spherizone process technologies by LyondellBasell. It utilises the latest catalysts to produce homopolymer grades with improved properties for rigid and flexible applications.

It offers a wide range of MFR, which is suitable for various applications from fibre to TWIM.

Offers a versatile range of polypropylene homopolymer grades providing innovative solutions.

## Grades

SEGMENTS	GRADES	MFR (g/10min)	APPLICATIONS
Injection Moulding	H500NG	12	Furniture, housewares, containers, toys
	H648TT	53	Transparent thin-walled articles (TWIM)
Film	H525JB	3	Biaxially Oriented Polypropylene Film (BOPP)
	H525NW	11	Food packaging films, textile packaging films
	H612MC	7	Cast films, food packaging films, stationery films
Yarn	H456HY	1.8	Raffia, tapes, strapping
Yarn/Thermoforming	H456JY	3.4	Raffia, tapes, strapping, thermoforming
Spunbond	H561SS	33	Nonwovens, wipes/tissues, geotextile

## Key Benefits

PRODUCTS	KEY BENEFITS
Injection Moulding	Good flow ability, high stiffness, excellent dimensional stability
TWIM	Superior optical properties, excellent stiffness impact balance, excellent processability
BOPP	High clarity, high stiffness, high gloss, high line speed, good gas barrier
Water Quenched Blown Film	High clarity and high gloss
Cast Film	High stiffness, metallisable, low gel, excellent compatibility with multi-layer film constructions
Yarn/Thermoforming	Excellent mechanical performance, low water carry over, good tenacity
Yarn/Raffia	Excellent mechanical performance, low water carry over, good tenacity
Spunbond	High tenacity, good gas fading resistance, high line speed

## Product Applications



TWIM



BOPP



Water Quenched Blown Film



Cast Film