

TWO COLOURS



ONE DIRECTION
Polypropylene

TIPPLEN H 218

Homopolymer for injection moulding

Description

TIPPLEN H 218 is a high melt flow homopolymer polypropylene grade for general purpose injection moulding application.

Applications

TIPPLEN H 218 is suitable for the production of garden furnitures, containers, buckets, household articles, closures.

TIPPLEN H 218 is a CR grade with narrow molecular weight distribution. Getting food approval of **TIPPLEN H 218** is under procedure.

Properties

	Test method	Unit	Value/Tolerance limit	Note
MFR (2.16kg/230°C)	ISO 1133	g/10 min	18 (15-21)	guaranteed
Yellowness Index	1.3.3.2-02-057	-	max. 2	guaranteed
Cutting	1.3.3.2-02-060	n	max. 55	guaranteed
Granulate impurity	1.3.3.2-02-026	n	0	guaranteed
Ethylene	1.3.3.2-02-007	%	max. 2	guaranteed
Density*	ISO 1183	g/cm ³	0.9	informative
Tensile strength at yield *	ISO 527	N/mm ²	36	informative
Elongation at yield*	ISO 527	%	9	informative
HDT (0.46 N/mm ²)*	ISO 75	°C	98	informative
Rockwell hardness*	ISO 2039/2	R scale	99	informative
Tensile modulus*	ISO 527	N/mm ²	1500	informative
Izod impact strength (notched,23 °C)*	ISO 180/1A	kJ/m ²	4	informative

* Typical properties, not to be used as specifications. Average mechanical property values of several measurements carried out on standard injection moulded specimens (ISO 3167) conditioned at room temperature (ISO 291).



Processing

TIPPLEN H 218 can be used in conventional injection moulding machines. Recommended processing temperature 190 – 240 °C.

Storage and Handling

Polypropylene resins should be stored in dry conditions at temperatures –20 - +50°C and protected from UV light.

Improper storage can initiate degradation, which results in odour generation and colour changes and can have negative effects on the physical properties of the product.

They should be handled and stored away from contact with direct flames and other ignition sources.

Safety

See MSDS.

Recycling

Polypropylene resins are suitable for recycling using modern methods of shredding and cleaning.

In-house production waste should be kept clean to facilitate direct recycling.

Notes

The information provided in this publication has been compiled to the best of our present knowledge. However, in view of the various applications of polypropylene resins and the equipment used, the processing conditions may differ.

The recommendations and data herein are to be construed as informatory only and do not relieve users from carrying out their own tests and experiments prior to processing in order to check suitability for a specific use. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. Our products are under continuous development, therefore we reserve the right to change the information presented in this brochure at our own discretion.

TIPELIN TIPOLEN TIPPLEN TATREN BRALEN

The joint product portfolio of TVK and Slovnaft provide infinite opportunities

MEMBERS OF THE MOL GROUP



Slovnaft
PETROCHEMICALS



MANUFACTURER

Tiszai Vegyi Kombinát Rt.
H-3581 Tiszaújváros,
P.O. Box: 20
Hungary
Internet: <http://www.tvk.hu>
E-mail: tvkinfo@tvk.hu

CUSTOMER SERVICE

Tiszai Vegyi Kombinát Rt.
Polymer Marketing and Sales
E-mail: customerservice@tvk.hu

Customer service PE

Telephone: + 36 49 521 367, + 36 80 204 249
Fax: + 36 49 521 186

Customer service PP

Telephone: + 36 49 522 013, + 36 80 204 248
Fax: + 36 49 522 865

SALES ORGANIZATION

Tiszai Vegyi Kombinát Rt.
Polymer Marketing and Sales

Sales Department

H-3581 Tiszaújváros,
P.O. Box: 20
Hungary
Telephone: + 36 49 522 419
Fax: + 36 49 522 410
E-mail: polymersales@tvk.hu

TIPELIN TIPOLEN TIPPLEN TATREN BRALEN

The joint product portfolio of TVK and Slovnaft provide infinite opportunities



TVK Inter-Chemol GmbH.
 Felner Strasse 5.
 D-60322 Frankfurt am Main
 Germany
Telephone: +49 69 154 04 12
Fax: +49 69 154 04 41
E-mail: gaboragoston@tvkic.de

TVK Italia S.r.L.
 Via P. Teulié 1.
 20136 Milano
 Italy
Telephone: +39 02 58 30 5523
Fax: +39 02 58 30 3492
E-mail: tvkitaly@energy.it

TVK-France
 182, avenue Charles DeGaulle
 F-92200 Neuilly-sur-Seine
 France
Telephone: +33 14 745 63 60
Fax: +33 14 745 45 10
E-mail: kacsandi@free.fr

TVK UK Ltd.
 707 High Road, North Finchley
 London N12 0BT
 Great-Britain
Telephone: +44-020/8369 5650
Fax: +44-020/8369 5656/7

TVK Ukraine
 04073 Kiev
 pr.Moskovsky 6
Telephone: +380 44 4683261
Fax: +380 44 46 81562
E-mail: office@tvkukraine.eu

TVK Polska Sp.z.o.o.
 ul. Wawozowa 23/12
 PL-02-796 Warszawa
 Poland
Telephone: +48 22 648 17 95
Fax: +48 22 648 67 94
E-mail: tvkpolska@tvkpolska.pl

MOL- Austria Handels GmbH.
 Gartenbaupromenade 2/6
 A-1010 Wien
 Austria
Telephone: +43 1 51599 0
Fax: +43 1 5133 755 1120
E-mail: petchem@mol-vie.com

MOL GROUP Moscow
 Representative Office of TVK Plc.and
 Sloznaft Petrochemicals s.r.o in
 Moscow
 RUS-115054 Moscow
 Kosmodamianskaya Nabereshznaya
 D.52 Strojenie 3
Telephone: +74 95 363 39 55
Fax: +74 95 363 39 46
E-mail: jhankotvk@molruss.ru

SC MOL Romania P.P SRL
 4-6 D Danielopolu str.
 District 1. 014 134
 Bucharest, Romania
Telephone +40 21 204 85 00
 +40 21 204 85 02
Fax: +40 21 232 0948
E-mail : ematei@molromania.ro

January 2008

TIPELIN TIPOLEN TIPPLEN TATREN BRALEN

The joint product portfolio of TVK and Sloznaft provide infinite opportunities

MEMBERS OF THE MOL GROUP



Sloznaft
 PETROCHEMICALS

