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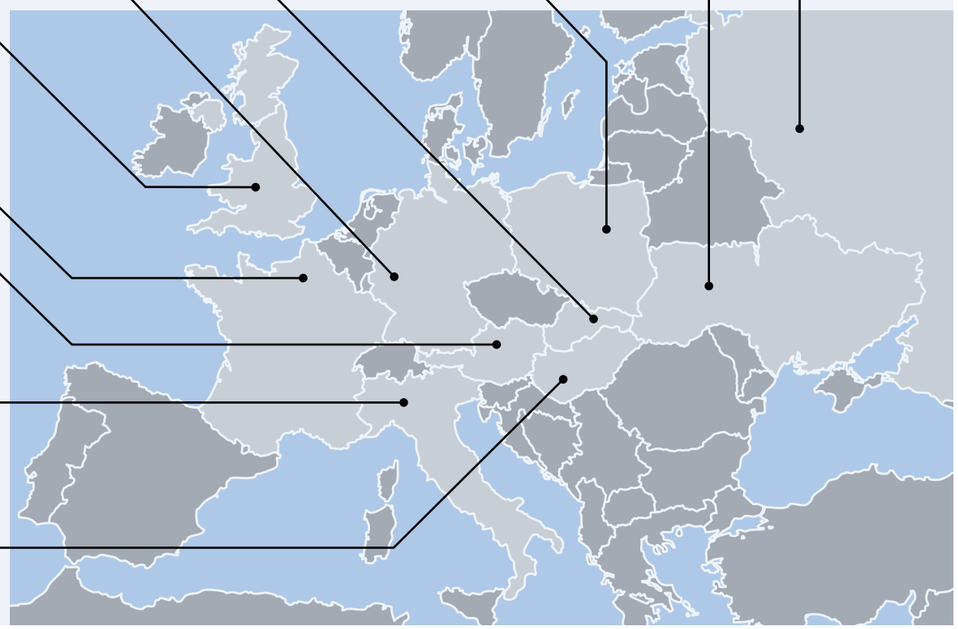

Storage and Handling Pellets are packed in 25 kg PE-LD bags and transported on shrink-wrapped pallets at eligible load of polymer 1250 or 1375 kg. Upon request polypropylene can also be packed in the carton boxes fixed on pallets, where the load of polymer is about 1100 kg. Transportation in a road silo or rail silo is also available.
If polymer is stored in conditions of high humidity and fluctuating temperatures, then atmospheric moisture can condense inside the packing. If it happened, it is recommended the pellets to be dried before use. During the storage polyethylene should not be exposed to UV radiation. Producer does not take responsibility for any damages caused by adverse storage.

Safety See MSDS

Recycling Polyethylene resins are suitable for recycling using modern recycling methods. 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 polyethylene 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.

Published in MAY 2006

Slovnaft TVK

PRODUCT CATALOGUE
Low Density Polyethylene

TIPOLEN BRALEN

TWO COLOURS
ONE DIRECTION

MEMBERS OF THE MOL GROUP

Slovnaft TVK

Grade/ Parameter	Melt mass Flow rate (MFR) 190 °C/2.16 kg procedure A,B***	Density (23 °C)	Tensile strength	Tensile strain at break	Vicat softening temperature	Dart drop	Shore D hardness	Haze	Additives	Recomm. thickness	Application
Units	**g/10 min**	**kg/m³**	**MPa**	**%**	**°C**	**g**	**-**	**%**	**-**	**mm**	**-**
Test methods	ISO 1133	ISO 1183-2	ISO 527	ISO 527	ISO 306	ISO 7765-1 method A	ISO 868	ISO 14 782	**-**	**-**	**-**
FA 2210	0.3	922	22/21*	300/550	98	200	46	20*	-	-	heavy duty bags, shrink films, agricultural films, silage films, small blow mouldings
FA 2210 UV S1	0.3	922	22/21*	300/550	98	200	46	-	UV	-	increased UV resistant agricultural films and shrink films, lifetime 1 year by thickness 0.15 mm - in Middle Europe climate conditions
AC 2014	2	920	12**	-	93	-	46	-	-	-	injection moulded and blow moulded products, household utensils, bottles for cosmetics, lids
AE 2016	7	920	10**	-	92	-	45	-	-	-	small size moulded products, products not in contact with surfactant substances, masterbatches
OF 2019	20	920	10**	-	90	-	44	-	-	-	injection moulding of general and complicated forms
FA 244-51	0.28	921	22/19*	300/550	-	300	-	14*	-	-	heavy duty bags, shrink films, carrier bags, packaging films, household films, films for laminating
FB 243-51	0.75	922	25/17*	230/550	96	135	48	10.5*	-	-	carrier bags, household films, packaging films, films for laminating, small blow mouldings
FB 243-55	0.8	922	25/18*	230/550	96	150	48	10.5*	SA(E), AB	-	carrier bags, household films, packaging films
FC 243-51	2	923	24/15*	220/550	94	95	48	10.5*	-	-	general purpose films
FC 243-55	2	923	23/16*	220/550	94	110	48	10.5*	SA(E), AB	-	general purpose films
FD 243-51	4	923	20/15*	260/550	92	85	48	9*	-	-	high clarify fine films, caps
FD 243-55	4	923	20/15*	250/550	92	90	48	10*	SA(E), AB	-	high clarify fine films, caps
RB 03-23	0.35	919	23/21*	400/500*	97	300	47	18*	-	0.07-0.25	shrink films, heavy duty packaging films, blow moulded items, extrusion of pipes, sheets, profiles, toys
FB 03-53	0.35	919	23/21*	400/500*	97	300	45	-	UV	0.07-0.25	films for greenhouses (lifetime 2 years by thickness 0.12 mm in Middle Europe climate conditions), shrink and packaging films
FB 08-64	0.8	918	25/19*	300/500*	96	170	45	12*	-	0.04-0.1	shrink and technical films
FB 08-65	0.8	918	25/19*	300/500*	96	170	42	12*	SA(E)	0.04-0.1	shrink and packaging films
FB 2-17	2	918	23/18*	300/500*	96	90	45	8*	-	0.04-0.08	packaging and technical films, bubble films, foamed sheets and profiles
FB 2-30	2	919	22/17*	300/500*	96	90	41	8*	SA (O), AB, AS, AO	0.025-0.06	thin packaging films, carrier bags
RB 2-62	2	918	12**	-	95	-	46	-	-	-	coating of paper, aluminium and textile, extrusion of sheets, injection moulding of technical articles, toys
NA 7-25	7	915	17/15*	300/500*	88	-	42	-	-	-	extrusion of pipes, sheets, profiles, injection moulding, toys, foamed sheets and profiles
VA 20-60	20	914	8**	-	84	-	41	-	-	-	injection moulding of household goods, large sized technical items, toys
SA 70-21	70	914	7**	-	82	-	39	-	-	-	ingredient into waxes and electro insulating materials
SA 200-22	200	914	-	-	-	-	-	-	-	-	non woven textiles, ingredient into waxes and electro insulating materials

Quality Certifications

SLOVNAFT

TVK

Additives:

AO	antioxidant
UV	UV stabilizer
SA (E)	slip agent erucamide
SA (O)	slip agent oleyamide
AB	antiblocking agent
AS	antistatic agent

Notes: Values in table are typical values, not be constructed as specifications. Users should confirm results by their own tests.

* Haze, Tensile Strength and Tensile Strain at Break in M.D./T.D. on film – thickness of 0.07 mm (MFR=0.35 g/10 min), and 0.04 mm (MFR more than 0.35 g/10 min), blow up ratio 2.5:1

** Tensile Strength on the injection moulded specimens, prepared in accordance with ISO 1872-2

*** Procedure B for MFR more than 20 g/10 min