

# TIPOLEN FD 244-55 – DESIGNED FOR CROSSLINKED FOAM EXTRUSION



This new LDPE co-polymer grade is specially designed for crosslinked ultrahard foam production that happens with a continuous extrusion process. During this process a chemical blowing agent supports the foaming phenomenon. However, this grade is also suitable for non-crosslinked foams or for the physical foaming process.

## KEY BENEFITS FOR YOU COMPARED TO GENERAL PURPOSE LDPE GRADES:

- ▶ Increased and narrower MFR range → **issue-free processability** at high extrusion output
- ▶ Lower friction heat generated due to co-monomer content → **higher extruder output**
- ▶ Increased unsaturated carbon bond numbers → **higher strength** and homogenous cell wall
  - **Better** surface **smoothness** of the end-product
  - **Higher gloss** of the foam surface
  - **More homogeneous** structure of foam cells
  - **Stiffer foams**

## MAIN APPLICATIONS

- ▶ Automotive sound and heat insulation, interior trim
- ▶ Automotive sealing
- ▶ Flooring shock-absorbers in C&B
- ▶ Flooring heat insulation in C&B
- ▶ Footwear
- ▶ Tapes and healthcare applications
- ▶ Packaging



For further information about the product and for technical data sheets, please contact our senior market developer ([kbalanyi@mol.hu](mailto:kbalanyi@mol.hu)) or your sales representative.



### Disclaimer

©2022 MOL Group. To the extent the user is entitled to disclose and distribute this document, the user may forward, distribute, and/or photocopy this copyrighted document only if unaltered and complete, including all of its headers, footers, disclaimers, and other information. You may not copy this document to a website. MOL Group does not guarantee the typical (or other) values. Analysis may be performed on representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, suitability, accuracy, reliability, or completeness of this information or the products, materials, or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage, or injury directly or indirectly suffered or incurred as a result of, or related to, anyone using or relying on any of the information in this document. There is no endorsement of any product or process, and we expressly disclaim any contrary implication. The terms, "we", "our", "MOL", or "MOL Group" are used for convenience, and may include any one or more of MOL Group, or any affiliates they directly or indirectly control. MOL Group, the MOL Group logo, and all other product names used herein are trademarks of MOL Plc. or Slovnaft, a.s. unless indicated otherwise.